

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin**

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<b>NA0017</b> <b>San Joaquin County Flood Control and Water Conservation District</b>	Overall LMA Rating	Total LMA Miles	<i>* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.</i>					
	<b>M *</b>	<b>103.96</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.05		0.05	0.05%	1.79	0.37		
Trim / Thin Trees	0.03		0.03	0.03%				
Encroachments	0.99		0.99	0.95%	21.49	1.62		
Animal Control	0.45	0.03	0.57	0.55%				
Slope Stability	0.26		0.26	0.25%				
Erosion / Bank Caving	0.43	0.01	0.47	0.45%				
Cracking	0.13		0.13	0.13%				
Crown Surface / Depressions / Rutting	0.06		0.06	0.06%				
<i>Concrete Floodwalls</i>								
Monolith Joints	0.13		0.13	0.13%				
<i>Channels</i>								
Vegetation & Obstructions	0.01		0.01	0.01%				
<i>Supplemental</i>								
DWR Erosion Survey	1.18	0.75	4.18	4.02%				
<i>LMA Totals:</i>	<b>3.72</b>	<b>0.79</b>	<b>6.88</b>	<b>6.62% *</b>	<b>23.28</b>	<b>1.99</b>	<b>0.00</b>	<b>0.00</b>

<b>Unit No. 01 Littlejohn Creek LB</b>  NA0017	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>2.87</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.01		0.01	0.35%	0.21			
Erosion / Bank Caving	0.01		0.01	0.35%				
<i>Unit Totals:</i>	0.02	0.00	0.02	0.70%	0.21	0.00	0.00	0.00

<b>Unit No. 02 Littlejohn Creek RB</b>  NA0017	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>3.21</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Erosion / Bank Caving	0.01		0.01	0.31%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.31%				
<i>Unit Totals:</i>	0.02	0.00	0.02	0.62%	0.00	0.00	0.00	0.00

<b>Unit No. 06 SPRR Drain LB</b>  NA0017	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>0.50</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>No Items</i>								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

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**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin (cont.)**

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<b>Unit No. 07 Bear Creek RB</b> NA0017	Overall Unit Rating	Total Unit Miles	<b>* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.</b>					
	<b>M *</b>	<b>16.69</b>						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.01			
Encroachments	0.12		0.12	0.72%	4.70	0.01		
Animal Control	0.07	0.01	0.11	0.66%				
Slope Stability	0.03		0.03	0.18%				
Erosion / Bank Caving	0.09		0.09	0.54%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.06%				
<i>Unit Totals:</i>	0.32	0.01	0.36	2.16% *	4.71	0.01	0.00	0.00
<b>Unit No. 08 Bear Creek LB</b> NA0017								
<b>Rated Item</b>	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>16.47</b>	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.16	0.04		
Encroachments	0.09		0.09	0.55%	2.52	0.62		
Animal Control	0.01		0.01	0.06%				
Slope Stability	0.05		0.05	0.30%				
Erosion / Bank Caving	0.07		0.07	0.43%				
<i>Concrete Floodwalls</i>								
Monolith Joints	0.10		0.10	0.61%				
<i>Unit Totals:</i>	0.32	0.00	0.32	1.94%	2.68	0.66	0.00	0.00
<b>Unit No. 09 Paddy Creek LB</b> NA0017								
<b>Rated Item</b>	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>1.54</b>	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.77			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.77	0.00	0.00	0.00
<b>Unit No. 10 Paddy Creek RB</b> NA0017								
<b>Rated Item</b>	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>1.42</b>	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					1.70			
Animal Control	0.01		0.01	0.70%				
<i>Unit Totals:</i>	0.01	0.00	0.01	0.70%	1.70	0.00	0.00	0.00

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**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin (cont.)**

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<b>Unit No. 11 North Paddy Creek RB</b>  NA0017	Overall Unit Rating	Total Unit Miles						
	A	3.56						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					1.68	0.07		
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	1.68	0.07	0.00	0.00

<b>Unit No. 12 North Paddy Creek LB</b>  NA0017	Overall Unit Rating	Total Unit Miles						
	A	3.53						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation					0.06			
Encroachments	0.01		0.01	0.28%	1.74	0.39		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.28%	1.80	0.39	0.00	0.00

<b>Unit No. 13 Middle Paddy Creek LB</b>  NA0017	Overall Unit Rating	Total Unit Miles						
	A	1.40						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					1.39			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	1.39	0.00	0.00	0.00

<b>Unit No. 14 Middle Paddy Creek RB</b>  NA0017	Overall Unit Rating	Total Unit Miles						
	A	1.40						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.53			
Animal Control	0.05		0.05	3.57%				
Erosion / Bank Caving	0.01		0.01	0.71%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.71%				
<i>Unit Totals:</i>	0.07	0.00	0.07	5.00%	0.53	0.00	0.00	0.00

**Flood Control Project Maintenance  
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**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including DWR Erosion Survey**

**San Joaquin River Basin (cont.)**

<b>Unit No. 15 Mormon Slough RB</b> NA0017	Overall Unit Rating	Total Unit Miles	<b>* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M instead of A.</b>					
	<b>M *</b>	<b>25.62</b>						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.02		0.02	0.08%	0.39			
Trim / Thin Trees	0.02		0.02	0.08%				
Encroachments	0.27		0.27	1.05%	3.45	0.43		
Animal Control	0.18	0.01	0.22	0.86%				
Slope Stability	0.13		0.13	0.51%				
Erosion / Bank Caving	0.06		0.06	0.23%				
Cracking	0.12		0.12	0.47%				
<i>Concrete Floodwalls</i>								
Monolith Joints	0.03		0.03	0.12%				
<i>Supplemental</i>								
DWR Erosion Survey	0.93		0.93	3.63%				
<i>Unit Totals:</i>	<b>1.76</b>	<b>0.01</b>	<b>1.80</b>	<b>7.03% *</b>	<b>3.84</b>	<b>0.43</b>	<b>0.00</b>	<b>0.00</b>

<b>Unit No. 16 Mormon Slough LB</b> NA0017	Overall Unit Rating	Total Unit Miles						
	<b>M</b>	<b>24.00</b>						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.03		0.03	0.13%	1.17	0.33		
Trim / Thin Trees	0.01		0.01	0.04%				
Encroachments	0.44		0.44	1.83%	2.59	0.10		
Animal Control	0.12	0.01	0.16	0.67%				
Slope Stability	0.04		0.04	0.17%				
Erosion / Bank Caving	0.18	0.01	0.22	0.92%				
Cracking	0.01		0.01	0.04%				
Crown Surface / Depressions / Rutting	0.03		0.03	0.13%				
<i>Channels</i>								
Vegetation & Obstructions	0.01		0.01	0.04%				
<i>Supplemental</i>								
DWR Erosion Survey	0.25	0.75	3.25	13.54%				
<i>Unit Totals:</i>	<b>1.12</b>	<b>0.77</b>	<b>4.20</b>	<b>17.50%</b>	<b>3.76</b>	<b>0.43</b>	<b>0.00</b>	<b>0.00</b>

<b>Unit No. 17 Potter Creek RB</b> NA0017	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>0.86</b>						
<b>Rated Item</b>	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.05		0.05	5.81%				
Animal Control	0.01		0.01	1.16%				
Slope Stability	0.01		0.01	1.16%				
<i>Unit Totals:</i>	<b>0.07</b>	<b>0.00</b>	<b>0.07</b>	<b>8.14%</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Flood Control Project Maintenance**  
**Levee Inspections**

**Fall 2013 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including DWR Erosion Survey**

***San Joaquin River Basin (cont.)***

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<b>Unit No. 18 Potter Creek LB</b> NA0017	Overall Unit Rating	Total Unit Miles						
	<b>A</b>	<b>0.89</b>						
<b>Rated Item</b>	<b>Maintenance Deficiency</b>				<b>Enforcement</b>		<b>Design &amp; System Obsolescence</b>	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.21			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.21	0.00	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**

**LMA District Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an induction of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 01 Littlejohn Creek			Left	2.87
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/21/2013 - 05/21/2013		11/25/2013 - 11/25/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
LMR No.	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Earthen Levee	Operations & Maintenance Manuals	LS Ma	A	Inspector Comments: The LMA has the all the required O&M manuals.	°	°	3
								DWR ID: DWR_NA0017_01_s_2013_3		
2	0.00	0.00	Earthen Levee	Emergency Supplies & Equipment	LS Ma	A	Inspector Comments: The LMA has all the required materials at their site.	°	°	5
								DWR ID: DWR_NA0017_01_s_2013_5		
3	0.00	0.00	Earthen Levee	Flood Preparedness & Training	LS Ma	A	Inspector Comments: The LMA has all the required booklets from DWR, flood response plan and most of their employees are trained to be a flood fighter.	°	°	9
								DWR ID: DWR_NA0017_01_s_2013_9		
4	0.17	0.17	Earthen Levee	Slope Stability	WS Ma	C	S1 : Repair slope instability.	37.873674 °	37.873674 °	4
								-121.229484 ° -121.229484 °		
								DWR ID: DWR_NA0017_01_f_2012_4		
5	0.39	0.39	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	37.873570 °	37.873570 °	13
								-121.233191 ° -121.233191 ° Y		
								DWR ID: DWR_NA0017_01_s_2013_13		
6	1.05	1.05	Interior Drainage & Piping Systems	Flap Gates	WS Ma	A	Inspector Comments: LMA has taken out the PVC pipe from the flap gate.	37.878510 °	37.878510 °	15
								-121.242399 ° -121.242399 ° Y		
								DWR ID: DWR_NA0017_01_s_2013_15		
7	1.07	1.27	Earthen Levee	Encroachments	WS En	M	PI : Pipe	37.878425 °	37.877636 °	12
								-121.242593 ° -121.246147 ° Y		
								DWR ID: DWR_NA0017_01_s_2012_12		
8	1.28	1.28	Earthen Levee	Encroachments	WS Ma	M	DE : Debris	37.877583 °	37.877583 °	11
								-121.246413 ° -121.246413 ° Y		
								DWR ID: DWR_NA0017_01_s_2012_11		
9	1.32	1.32	Earthen Levee	Encroachments	WS En	M	PR : Prunings	37.877724 °	37.877724 °	14
								-121.247054 ° -121.247054 ° Y		
								DWR ID: DWR_NA0017_01_s_2012_14		
10	1.52	1.58	Earthen Levee	Encroachments	LS En	C	DT : Ditch	37.881023 °	37.881073 °	2
								Inspector Comments: Fix the ditch location at the end of levee mile.		
								DWR ID: DWR_NA0017_01_s_2012_2		

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	11/25/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	5
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the landside of the levee looking downstream.	
pkazi_f_20131001_005.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion due to runoff on the landside of the levee looking downstream.	
pkazi_f_20131126_096.JPG	



Levee Mile Report Line	6
Start Levee Mile	1.05
End Levee Mile	1.05
Location	Water Side
Category	Interior Drainage & Piping Systems
Item	Flap Gates
The flap gates are clear of debris and the PVC pipe is taken out by the LMA. The picture was taken from waterside toe of the levee looking downstream.	
pkazi_f_20131001_007.JPG	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
A/W : Acceptable but Monitor & Maintain

N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Littlejohn Creek	Left	2.87	11/25/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	1.07
End Levee Mile	1.27
Location	Water Side
Category	Earthen Levee
Item	Encroachments
PVC Pipe was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_004.jpg	



Levee Mile Report Line	8
Start Levee Mile	1.28
End Levee Mile	1.28
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_003.jpg	



Levee Mile Report Line	9
Start Levee Mile	1.32
End Levee Mile	1.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking upstream.	
pkazi_f_20131001_006.jpg	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
C : Corrected
U : Unacceptable

N : Not Inspected/Rated
O : Obsolete
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 02 Littlejohn Creek			Right	3.21
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/21/2013 - 05/21/2013		11/25/2013 - 11/25/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

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**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
LMR No.	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo
	Start	End						Start	End		
1	1.51	1.84	Earthen Levee	Encroachments	LS	C	DT : Ditch En	37.879584 °	37.881011 °	19	
								-121.243970 °	-121.248572 °		
								DWR ID: DWR_NA0017_02_s_2012_19			
2	1.93	2.65	Earthen Levee	Encroachments	LS	C	DT : Ditch En	37.881843 °	37.888847 °	9	
								-121.249439 °	-121.258344 °		
								DWR ID: DWR_NA0017_02_s_2012_9			
3	1.97	1.97	Earthen Levee	Erosion / Bank Caving	WS	C	E2 : Schedule repair of erosion site prior to the next inspection.	37.882205 °	37.882205 °	3	
								-121.250027 °	-121.250027 °		
								DWR ID: DWR_NA0017_02_s_2013_3			
4	2.01	2.01	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	C3 : Add appropriate gravel or road base. Grade and compact.	37.882528 °	37.882528 °	1	
								-121.250601 °	-121.250601 °	Y	
								DWR ID: DWR_NA0017_02_f_2013_1			
5	2.08	2.08	Earthen Levee	Erosion / Bank Caving	WS	M	E2 : Schedule repair of erosion site prior to the next inspection.	37.883137 °	37.883137 °	5	
								-121.251628 °	-121.251628 °	Y	
								DWR ID: DWR_NA0017_02_f_2013_5			
6	2.17	2.17	Earthen Levee	Erosion / Bank Caving	WS	C	E2 : Schedule repair of erosion site prior to the next inspection.	37.883925 °	37.883925 °	2	
								-121.253006 °	-121.253006 °		
								DWR ID: DWR_NA0017_02_f_2012_2			
7	2.45	2.45	Earthen Levee	Erosion / Bank Caving	WS	C	E2 : Schedule repair of erosion site prior to the next inspection.	37.887404 °	37.887404 °	4	
								-121.255524 °	-121.255524 °		
								DWR ID: DWR_NA0017_02_s_2013_4			
8	2.66	3.17	Earthen Levee	Encroachments	LS	C	DT : Ditch En	37.888885 °	37.8888573 °	17	
								-121.258519 °	-121.267475 °		
								DWR ID: DWR_NA0017_02_s_2012_17			
9	2.66	2.66	Earthen Levee	Encroachments	WSA/W	PI	Pipe Ma Inspector Comments: Pipe crossing the channel has corroded and can carry water to/from the channel. This pipe needs immediate attention but is likely an older encroachment and may predate the project.	37.888853 °	37.888853 °	8	
								-121.258640 °	-121.258640 °	Y	
								DWR ID: DWR_NA0017_02_s_2012_8			

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Littlejohn Creek	Right	3.21	11/25/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	2.01
End Levee Mile	2.01
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Crown depression was found looking downstream.	
pkazi_f_20131126_097.JPG	



11/25/2013

Levee Mile Report Line	5
Start Levee Mile	2.08
End Levee Mile	2.08
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion due to runoff was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131126_098.JPG	



11/25/2013

Levee Mile Report Line	9
Start Levee Mile	2.66
End Levee Mile	2.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A pipe was found without a flap gate on waterside slope of the levee looking downstream. This pipe may predate the project.	
pkazi_f_20131001_012.JPG	



05/21/2013

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 06 SPRR Drain			Left	0.50
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/03/2013 - 05/03/2013		11/25/2013 - 11/25/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
Unit No. 06 SPRR Drain							Left	0.50	11/25/2013 11/25/2013	Pavel Kazi		
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End								Start	End	
1	0.40	0.40	Earthen Levee	Vegetation	WS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.			37.979230 ° -121.097023 °	37.979230 ° -121.097023 °	1 Y
												DWR ID: DWR_NA0017_06_f_2013_1
2	0.45	0.45	Earthen Levee	Slope Stability	LS Ma	A	S1 : Repair slope instability. Inspector Comments: LMA fixed the issue.			° °	° °	2 Y
												DWR ID: DWR_NA0017_06_s_2013_2

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+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 SPRR Drain	Left	0.50	11/25/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.40
End Levee Mile	0.40
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the waterside of the levee looking upstream.	
pkazi_f_20131126_089.JPG	



Levee Mile Report Line	2
Start Levee Mile	0.45
End Levee Mile	0.45
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was repaired by the LMA on the landside slope of the levee looking downstream.	
pkazi_f_20131001_016.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 07 Bear Creek			Right	16.69
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	05/09/2013 - 05/10/2013		10/08/2013 - 10/11/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek								Right	16.69	10/08/2013 10/11/2013	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
1	0.39	0.50	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.043682 °	38.043511 °	1	
								-121.370390 °	-121.368500 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_1			
2	0.92	0.92	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.043468 °	38.043468 °	2	
								-121.361022 °	-121.361022 °	Y	
								DWR ID: DWR_NA0017_07_s_2013_2			
3	1.17	1.17	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff damage on the landside slope.	38.043350 °	38.043350 °	9	
								-121.356491 °	-121.356491 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_9			
4	1.23	1.23	Earthen Levee	Encroachments	LS Ma	M	ST : Stairway	38.043327 °	38.043327 °	10	
								-121.355313 °	-121.355313 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_10			
5	1.54	1.54	Earthen Levee	Encroachments	LS Ma	M	DE : Debris	38.043254 °	38.043254 °	3	
								-121.349886 °	-121.349886 °	Y	
								DWR ID: DWR_NA0017_07_s_2013_3			
6	1.90	1.90	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings	38.043275 °	38.043275 °	63	
								-121.343377 °	-121.343377 °	Y	
								DWR ID: DWR_NA0017_07_f_2012_63			
7	1.94	1.94	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope.	38.043276 °	38.043276 °	11	
								-121.342812 °	-121.342812 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_11			
8	1.99	1.99	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.043316 °	38.043316 °	4	
								-121.341816 °	-121.341816 °	Y	
								DWR ID: DWR_NA0017_07_s_2013_4			
9	2.03	2.03	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope.	38.043296 °	38.043296 °	13	
								-121.341222 °	-121.341222 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_13			
10	2.08	2.08	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.043264 °	38.043264 °	5	
								-121.340292 °	-121.340292 °	Y	
								DWR ID: DWR_NA0017_07_s_2013_5			
11	2.18	2.18	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.043245 °	38.043245 °	6	
								-121.338452 °	-121.338452 °		
								DWR ID: DWR_NA0017_07_s_2013_6			
12	2.27	2.27	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope of the levee.	38.043230 °	38.043230 °	14	
								-121.336707 °	-121.336707 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_14			
13	2.34	2.34	Earthen Levee	Slope Stability	LS Ma	M	S1 : Repair slope instability.	38.043225 °	38.043225 °	7	
								-121.335815 °	-121.335815 °	Y	
								DWR ID: DWR_NA0017_07_s_2013_7			
14	2.44	2.44	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings	38.043212 °	38.043212 °	18	
								-121.333946 °	-121.333946 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_18			

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+ Issue Type

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek								Right	16.69	10/08/2013 10/11/2013	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
15	2.44	2.44	Earthen Levee	Encroachments	LS	M	PR : Prunings Ma	38.043210 °	38.043210 °	15	
								-121.333945 °	-121.333945 °		
								DWR ID: DWR_NA0017_07_f_2013_15			
16	2.57	2.57	Earthen Levee	Encroachments	LS	M	PR : Prunings Ma	38.043175 °	38.043175 °	64	
								-121.331472 °	-121.331472 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_64			
17	2.57	2.65	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.043175 °	38.043177 °	1033	
								-121.331472 °	-121.330183 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_1033			
18	2.66	2.67	Earthen Levee	Encroachments	LS	U	FE : Fence En	38.043182 °	38.043179 °	26	
								-121.329790 °	-121.329613 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_26			
19	2.67	2.67	Earthen Levee	Encroachments	LS	M	PL : Pool En	38.043189 °	38.043189 °	50	
								-121.329810 °	-121.329810 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_50			
20	2.68	3.04	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.043160 °	38.043166 °	1034	
								-121.329618 °	-121.323143 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_1034			
21	2.84	3.13	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.043156 °	38.043167 °	8	
								-121.326670 °	-121.321592 °	Y	
								DWR ID: DWR_NA0017_07_s_2013_8			
22	3.16	3.35	Earthen Levee	Encroachments	LS	M	DT : Ditch En	38.043164 °	38.043160 °	778	
								-121.320946 °	-121.317532 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_778			
23	3.39	3.56	Earthen Levee	Encroachments	LS	C	AT : Agricultural tilling En	38.043177 °	38.043165 °	779	
								-121.316942 °	-121.313806 °		
								DWR ID: DWR_NA0017_07_s_2012_779			
24	3.49	3.49	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.043170 °	38.043170 °	20	
								-121.315209 °	-121.315209 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_20			
25	3.51	3.51	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.043165 °	38.043165 °	21	
								-121.314877 °	-121.314877 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_21			
26	3.61	3.61	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.043139 °	38.043139 °	23	
								-121.312882 °	-121.312882 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_23			
27	3.78	3.78	Earthen Levee	Erosion / Bank Caving	LS	M	E2 : Schedule repair of erosion site prior to the next inspection. En	38.043025 °	38.043025 °	24	
								-121.309918 °	-121.309918 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_24			
28	4.04	4.04	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.042985 °	38.042985 °	28	
								-121.305258 °	-121.305258 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_28			

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
LWR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	
	Levee Mile End	Category						Location En	Rating +	End	Photo
29	4.10	4.21	Earthen Levee	Encroachments	LS	M	DT : Ditch	38.042963 °	38.042990 °	70	
					En			-121.304235 °	-121.302329 °	Y	
								DWR ID: DWR_NA0017_07_f_2012_70			
30	4.21	4.60	Earthen Levee	Encroachments	LS	C	DT : Ditch	38.042991 °	38.044626 °	12	
					En			-121.302328 °	-121.295705 °		
								DWR ID: DWR_NA0017_07_s_2013_12			
31	4.66	5.63	Earthen Levee	Encroachments	LS	M	FE : Fence	38.045023 °	38.052709 °	785	
					En			-121.294989 °	-121.281584 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_785			
32	4.78	4.78	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.046497 °	38.046497 °	32	
					Ma			-121.293814 °	-121.293814 °	Y	
								DWR ID: DWR_NA0017_07_f_2013_32			
33	4.80	4.80	Earthen Levee	Erosion / Bank Caving	LS	C	E2 : Schedule repair of erosion site prior to the next inspection.	38.046641 °	38.046641 °	16	
					Ma			-121.293678 °	-121.293678 °		
								DWR ID: DWR_NA0017_07_s_2013_16			
34	5.07	5.07	Earthen Levee	Animal Control	LS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.049433 °	38.049433 °	17	
					Ma			-121.290390 °	-121.290390 °		
								DWR ID: DWR_NA0017_07_s_2013_17			
35	5.13	5.27	Earthen Levee	Encroachments	LS	C	DT : Ditch	38.049813 °	38.050268 °	54	
					En			-121.289474 °	-121.287048 °		
								DWR ID: DWR_NA0017_07_s_2012_54			
36	5.28	5.28	Earthen Levee	Encroachments	LS	M	DE : Debris	38.050315 °	38.050315 °	787	
					En			-121.287011 °	-121.287011 °	Y	
								DWR ID: DWR_NA0017_07_s_2012_787			
37	5.85	5.85	Earthen Levee	Slope Stability	WS	M	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.052753 °	38.052753 °	73	
					Ma			-121.277680 °	-121.277680 °	Y	
								DWR ID: DWR_NA0017_07_f_2012_73			
38	5.89	5.89	Earthen Levee	Erosion / Bank Caving	LS	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.052794 °	38.052794 °	43	
					Ma			Inspector Comments: Runoff on the landside.			
								DWR ID: DWR_NA0017_07_f_2013_43			
39	5.89	5.89	Earthen Levee	Slope Stability	WS	C	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.052810 °	38.052810 °	19	
					Ma			-121.276908 °	-121.276908 °		
								DWR ID: DWR_NA0017_07_s_2012_19			
40	6.24	6.24	Earthen Levee	Encroachments	LS	A/W	DT : Ditch	38.053609 °	38.053609 °	22	
					En			Inspector Comments: Woodbridge irrigation dug 20 feet wide channel 20 feet away from the toe of the levee. For details, please see Field Investigation Report #4581.			
								According to their calculations, the ditch is away from the levee prism.			
								DWR ID: DWR_NA0017_07_s_2012_22			
41	7.47	7.47	Earthen Levee	Slope Stability	LS	C	S1 : Repair slope instability.	38.063935 °	38.063935 °	33	
					Ma			-121.254889 °	-121.254889 °		
								DWR ID: DWR_NA0017_07_s_2013_33			
42	7.53	7.53	Earthen Levee	Encroachments	LS	C	BU : Building	38.064338 °	38.064338 °	34	
					En			Inspector Comments: Bee hives on the landside toe of the levee.			
								DWR ID: DWR_NA0017_07_s_2013_34			

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.		
	Start	End						Start	End			
43	8.09	8.09	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.067427 °	38.067427 °	35	-121.245386 °	-121.245386 °
											DWR ID: DWR_NA0017_07_s_2013_35	
44	8.15	8.15	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.067460 °	38.067460 °	36	-121.244445 °	-121.244445 °
											DWR ID: DWR_NA0017_07_s_2013_36	
45	8.16	8.16	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.067459 °	38.067459 °	37	-121.244233 °	-121.244233 °
											DWR ID: DWR_NA0017_07_s_2013_37	
46	8.17	8.17	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.067452 °	38.067452 °	84	-121.243929 °	-121.243929 °
											DWR ID: DWR_NA0017_07_f_2012_84	
47	8.28	8.28	Earthen Levee	Slope Stability	LS Ma	A	S1 : Repair slope instability. Inspector Comments: LMA fixed ag tilling on the landside toe of the levee.	38.067463 °	38.067463 °	41	-121.242112 °	-121.242112 °
											DWR ID: DWR_NA0017_07_s_2013_41	
48	8.49	8.49	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.067475 °	38.067475 °	47	-121.238400 °	-121.238400 °
											DWR ID: DWR_NA0017_07_s_2013_47	
49	8.82	8.82	Earthen Levee	Encroachments	LS En	M	PR : Prunings	38.068154 °	38.068154 °	52	-121.232545 °	-121.232545 °
											DWR ID: DWR_NA0017_07_s_2013_52	
50	8.87	8.87	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.068319 °	38.068319 °	29	-121.231559 °	-121.231559 °
											DWR ID: DWR_NA0017_07_s_2012_29	
51	9.06	9.06	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.069536 °	38.069536 °	987	-121.228662 °	-121.228662 °
											DWR ID: DWR_NA0017_07_s_2012_987	
52	9.15	9.15	Earthen Levee	Encroachments	LS En	M	DE : Debris Inspector Comments: Ash pile & debris on waterward side of levee.	38.070104 °	38.070104 °	25	-121.227281 °	-121.227281 °
											DWR ID: DWR_NA0017_07_s_2012_25	
53	9.18	9.18	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.070231 °	38.070231 °	31	-121.226677 °	-121.226677 °
											DWR ID: DWR_NA0017_07_s_2012_31	
54	9.40	9.40	Earthen Levee	Encroachments	LS En	C	PR : Prunings	38.070305 °	38.070305 °	55	-121.222845 °	-121.222845 °
											DWR ID: DWR_NA0017_07_s_2013_55	
55	9.65	9.65	Earthen Levee	Animal Control	WS Ma	U	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Beaver den in the waterward berm visible from the opposite bank.	38.070458 °	38.070458 °	80	-121.218596 °	-121.218596 °
											DWR ID: DWR_NA0017_07_s_2012_80	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 07 Bear Creek							Right	16.69	10/08/2013 10/11/2013	Pavel Kazi	
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
56	9.89	9.89	Earthen Levee	Slope Stability	LS Ma	C	S1 : Repair slope instability.			38.073233 ° -121.215703 °	38.073233 ° -121.215703 ° 803 DWR ID: DWR_NA0017_07_s_2012_803
57	9.91	9.91	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.073377 ° -121.215293 °	38.073377 ° -121.215293 ° 74 DWR ID: DWR_NA0017_07_s_2013_74
58	10.15	10.62	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.074323 ° -121.211309 °	38.078813 ° -121.205763 ° 48 DWR ID: DWR_NA0017_07_s_2012_48
59	10.19	10.19	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.			38.074509 ° -121.210489 °	38.074509 ° -121.210489 ° 45 DWR ID: DWR_NA0017_07_s_2012_45
60	10.23	10.23	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.			38.074613 ° -121.209882 °	38.074613 ° -121.209882 ° 46 DWR ID: DWR_NA0017_07_s_2012_46
61	10.36	10.36	Earthen Levee	Encroachments	LS Ma	C	PR : Prunings			38.076096 ° -121.208769 °	38.076096 ° -121.208769 ° 75 DWR ID: DWR_NA0017_07_s_2013_75
62	10.45	10.45	Earthen Levee	Encroachments	WS Ma	C	DE : Debris			38.077240 ° -121.208193 °	38.077240 ° -121.208193 ° 77 DWR ID: DWR_NA0017_07_s_2013_77
63	10.57	10.57	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.078388 ° -121.206458 °	38.078388 ° -121.206458 ° 79 DWR ID: DWR_NA0017_07_s_2013_79
64	10.60	10.60	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.078588 ° -121.206131 °	38.078588 ° -121.206131 ° 81 DWR ID: DWR_NA0017_07_s_2013_81
65	11.73	11.73	Earthen Levee	Encroachments	LS En	M	PR : Prunings			38.086900 ° -121.189617 °	38.086900 ° -121.189617 ° 44 DWR ID: DWR_NA0017_07_f_2013_44
66	12.19	13.22	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.091665 ° -121.184428 °	38.101502 ° -121.177753 ° 49 DWR ID: DWR_NA0017_07_f_2012_49
67	12.41	13.22	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.092320 ° -121.180878 °	38.101504 ° -121.177762 ° 96 DWR ID: DWR_NA0017_07_s_2013_96
68	12.62	12.62	Earthen Levee	Erosion / Bank Caving	LS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.			38.093204 ° -121.177301 °	38.093204 ° -121.177301 ° 97 DWR ID: DWR_NA0017_07_s_2013_97
69	12.90	12.90	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.097033 ° -121.176561 °	38.097033 ° -121.176561 ° 51 DWR ID: DWR_NA0017_07_f_2013_51
70	13.06	13.06	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping Inspector Comments: Cacti on landward toe and through fence.			38.099206 ° -121.176350 °	38.099206 ° -121.176350 ° 42 DWR ID: DWR_NA0017_07_s_2012_42

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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 07 Bear Creek							Right	16.69	10/08/2013 10/11/2013	Pavel Kazi	
L/MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
71	13.39	13.51	Earthen Levee	Encroachments	LS En	M	CR : Crops			38.103297 ° -121.177588 °	38.104991 ° -121.177134 ° Y
										DWR ID: DWR_NA0017_07_s_2012_38	
72	13.55	13.55	Earthen Levee	Slope Stability	LS Ma	M	S1 : Repair slope instability. Inspector Comments: Shallow pit at the landward toe with nearby prunings.			38.105846 ° -121.176552 °	38.105846 ° -121.176552 ° Y
										DWR ID: DWR_NA0017_07_s_2012_72	
73	13.55	13.55	Earthen Levee	Encroachments	WS En	M	PO : Pole			38.105841 ° -121.176489 °	38.105841 ° -121.176489 °
										DWR ID: DWR_NA0017_07_s_2012_56	
74	13.96	13.96	Earthen Levee	Encroachments	LS En	M	PR : Prunings			38.110491 ° -121.172863 °	38.110491 ° -121.172863 ° Y
										DWR ID: DWR_NA0017_07_f_2012_57	
75	13.98	13.98	Earthen Levee	Encroachments	LS En	M	DE : Debris			38.110753 ° -121.172829 °	38.110753 ° -121.172829 ° Y
										DWR ID: DWR_NA0017_07_s_2012_807	
76	13.99	13.99	Earthen Levee	Encroachments	LS En	M	MA : Material			38.111026 ° -121.172823 °	38.111026 ° -121.172823 ° Y
										DWR ID: DWR_NA0017_07_s_2012_1053	
77	14.08	14.08	Earthen Levee	Encroachments	LS Ma	M	FW : Firewood			38.111902 ° -121.172685 °	38.111902 ° -121.172685 ° Y
										DWR ID: DWR_NA0017_07_s_2012_39	
78	14.09	14.13	Earthen Levee	Vegetation	LS En	C	V6 : Landscaping			38.112076 ° -121.172668 °	38.112631 ° -121.172596 °
										DWR ID: DWR_NA0017_07_s_2012_40	
79	14.18	14.18	Earthen Levee	Encroachments	WS En	M	PO : Pole			38.113666 ° -121.172450 °	38.113666 ° -121.172450 °
										DWR ID: DWR_NA0017_07_s_2012_58	
80	14.40	14.40	Earthen Levee	Encroachments	WS En	M	PI : Pipe			38.116796 ° -121.172104 °	38.116796 ° -121.172104 ° Y
										DWR ID: DWR_NA0017_07_f_2012_94	
81	14.77	14.77	Earthen Levee	Encroachments	WS Ma	M	ST : Stairway			38.121625 ° -121.169563 °	38.121625 ° -121.169563 ° Y
										DWR ID: DWR_NA0017_07_f_2013_61	
82	14.77	14.77	Earthen Levee	Encroachments	WS Ma	M	PI : Pipe			38.121661 ° -121.169548 °	38.121661 ° -121.169548 ° Y
										DWR ID: DWR_NA0017_07_s_2012_1054	
83	14.79	14.79	Earthen Levee	Encroachments	WS En	M	PI : Pipe			38.121912 ° -121.169421 °	38.121912 ° -121.169421 ° Y
										DWR ID: DWR_NA0017_07_s_2012_59	
84	14.89	14.89	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	M	C2 : Repair depressions or ruts in the crown or slope.			38.123286 ° -121.169609 °	38.123286 ° -121.169609 ° Y
										DWR ID: DWR_NA0017_07_s_2012_60	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 07 Bear Creek							Right	16.69	10/08/2013 10/11/2013	Pavel Kazi	
LMR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
85	14.90	14.90	Earthen Levee	Encroachments	WS En	M	PR : Prunings			38.123415 ° -121.169666 °	38.123415 ° -121.169666 ° Y
										DWR ID: DWR_NA0017_07_f_2012_95	
86	15.32	15.32	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Animal hole was located on the waterside slope on the otherside of the levee.			38.126483 ° -121.164075 °	38.126483 ° -121.164075 °
										DWR ID: DWR_NA0017_07_s_2012_931	
87	15.72	15.72	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.			38.130205 ° -121.158466 °	38.130205 ° -121.158466 ° Y
										DWR ID: DWR_NA0017_07_s_2012_53	
88	15.77	15.77	Earthen Levee	Encroachments	LS En	M	PI : Pipe Inspector Comments: Drain is located at the landside toe of the levee.			38.130303 ° -121.157451 °	38.130303 ° -121.157451 ° Y
										DWR ID: DWR_NA0017_07_s_2012_809	
89	15.87	15.87	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.130404 ° -121.155595 °	38.130404 ° -121.155595 ° Y
										DWR ID: DWR_NA0017_07_f_2013_62	
90	16.07	16.07	Earthen Levee	Encroachments	LS En	M	PI : Pipe			38.132581 ° -121.153872 °	38.132581 ° -121.153872 ° Y
										DWR ID: DWR_NA0017_07_f_2012_99	
91	16.43	16.43	Earthen Levee	Encroachments	LS En	M	PO : Pole Inspector Comments: Joint pole on the landward side of the access road without a permit.			38.137505 ° -121.152044 °	38.137505 ° -121.152044 ° 78
										DWR ID: DWR_NA0017_07_s_2012_78	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.39
End Levee Mile	0.50
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the fence along landside toe of the levee looking upstream.	
pkazi_f_20131001_017.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.92
End Levee Mile	0.92
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the landside of the levee looking upstream.	
pkazi_f_20131001_018.JPG	



Levee Mile Report Line	3
Start Levee Mile	1.17
End Levee Mile	1.17
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Runoff was discovered on the landside slope of the levee looking upstream.	
pkazi_f_20131019_938.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	1.23
End Levee Mile	1.23
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Stairs were dug on the landside slope of the levee looking upstream.	pkazi_f_20131019_939.JPG



Levee Mile Report Line	5
Start Levee Mile	1.54
End Levee Mile	1.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the landside toe of the levee looking upstream.	pkazi_f_20131001_019.JPG



Levee Mile Report Line	6
Start Levee Mile	1.90
End Levee Mile	1.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	pkazi_f_20131001_056.JPG



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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

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Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	1.94
End Levee Mile	1.94
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Runoff was discovered on the landside slope of the levee looking upstream.	
pkazi_f_20131019_940.JPG	



Levee Mile Report Line	8
Start Levee Mile	1.99
End Levee Mile	1.99
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion caused by runoff was found on the landside of the levee looking downstream.	
pkazi_f_20131001_020.JPG	



Levee Mile Report Line	9
Start Levee Mile	2.03
End Levee Mile	2.03
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Runoff was found on the landside of the levee looking upstream.	
pkazi_f_20131019_941.JPG	



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Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

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Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	10
Start Levee Mile	2.08
End Levee Mile	2.08
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the landside of the levee looking upstream.	
pkazi_f_20131001_021.JPG	



Levee Mile Report Line	12
Start Levee Mile	2.27
End Levee Mile	2.27
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Runoff was found on the landside slope of the levee looking upstream.	
pkazi_f_20131019_942.JPG	



Levee Mile Report Line	13
Start Levee Mile	2.34
End Levee Mile	2.34
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Erosion caused by runoff was found on the landside of the levee looking upstream.	
pkazi_f_20131001_023.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	14
Start Levee Mile	2.44
End Levee Mile	2.44
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131019_943.JPG	



Levee Mile Report Line	16
Start Levee Mile	2.57
End Levee Mile	2.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking downstream.	
pkazi_f_20131019_944.JPG	



Levee Mile Report Line	17
Start Levee Mile	2.57
End Levee Mile	2.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a wood fence adjacent to the landward toe looking upstream.	
pkazi_f_20131001_082.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	18
Start Levee Mile	2.66
End Levee Mile	2.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Newer fence built within landside toe of levee at from LM 2.66 to LM 2.67.	
pkazi_f_20131001_031.JPG	



Levee Mile Report Line	19
Start Levee Mile	2.67
End Levee Mile	2.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a recently constructed pool looking landward.	
pkazi_f_20131001_047.jpg	



Levee Mile Report Line	19
Start Levee Mile	2.67
End Levee Mile	2.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a recently constructed pool looking upstream.	
pkazi_f_20131001_048.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	19
Start Levee Mile	2.67
End Levee Mile	2.67
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the pool on the landside toe of the levee looking upstream during fall 2013 inspection.	
pkazi_f_20131019_945.JPG	



Levee Mile Report Line	20
Start Levee Mile	2.68
End Levee Mile	3.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a metal fence adjacent to the landward toe looking upstream.	
pkazi_f_20131001_083.jpg	



Levee Mile Report Line	21
Start Levee Mile	2.84
End Levee Mile	3.13
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fences were found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_024.JPG	



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+ Issue Type
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	22
Start Levee Mile	3.16
End Levee Mile	3.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Farmer discing the toe of the landside of the levee looking upstream.	
pkazi_f_20131001_073.jpg	



Levee Mile Report Line	22
Start Levee Mile	3.16
End Levee Mile	3.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the toe cutting on the landside toe of the levee looking upstream.	
pkazi_f_20131001_074.jpg	



Levee Mile Report Line	24
Start Levee Mile	3.49
End Levee Mile	3.49
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside of the levee looking upstream.	
pkazi_f_20131019_946.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	25
Start Levee Mile	3.51
End Levee Mile	3.51
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside of the levee looking upstream.	
pkazi_f_20131019_947.JPG	



Levee Mile Report Line	26
Start Levee Mile	3.61
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the landside of the levee looking upstream.	
pkazi_f_20131019_948.JPG	



Levee Mile Report Line	27
Start Levee Mile	3.78
End Levee Mile	3.78
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion occurred due to runoff on the landside slope of the levee looking upstream.	
pkazi_f_20131019_949.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	28
Start Levee Mile	4.04
End Levee Mile	4.04
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside slope of the levee looking upstream.	
pkazi_f_20131019_950.JPG	



Levee Mile Report Line	29
Start Levee Mile	4.10
End Levee Mile	4.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A ditch was found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_057.jpg	



Levee Mile Report Line	31
Start Levee Mile	4.66
End Levee Mile	5.63
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the fence on the landside toe of the levee looking upstream.	
pkazi_f_20131001_075.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	32
Start Levee Mile	4.78
End Levee Mile	4.78
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the waterside of the levee looking upstream.	
pkazi_f_20131019_951.JPG	



Levee Mile Report Line	36
Start Levee Mile	5.28
End Levee Mile	5.28
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Abandoned culvert joint was found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_076.jpg	



Levee Mile Report Line	37
Start Levee Mile	5.85
End Levee Mile	5.85
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside of the levee looking upstream.	
pkazi_f_20131001_059.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	38
Start Levee Mile	5.89
End Levee Mile	5.89
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Runoff was found on the landside slope of the levee looking upstream.	
pkazi_f_20131019_952.JPG	



Levee Mile Report Line	40
Start Levee Mile	6.24
End Levee Mile	6.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A 20 feet wide channel was dug on the landside of the levee looking upstream.	
pkazi_f_20131001_029.jpg	



Levee Mile Report Line	40
Start Levee Mile	6.24
End Levee Mile	6.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the ditch near the landside toe of the levee looking upstream.	
pkazi_f_20131019_953.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	47
Start Levee Mile	8.28
End Levee Mile	8.28
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Agricultural tilling on the landside toe of the levee was repaired by the LMA.	
pkazi_f_20131001_042.JPG	



05/10/2013

Levee Mile Report Line	49
Start Levee Mile	8.82
End Levee Mile	8.82
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131001_049.JPG	



05/10/2013

Levee Mile Report Line	50
Start Levee Mile	8.87
End Levee Mile	8.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131001_032.jpg	



10/12/2013

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	51
Start Levee Mile	9.06
End Levee Mile	9.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131001_081.jpg	



Levee Mile Report Line	52
Start Levee Mile	9.15
End Levee Mile	9.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Ash pile was found on the landside of the levee looking upstream.	
pkazi_f_20131001_030.jpg	



Levee Mile Report Line	53
Start Levee Mile	9.18
End Levee Mile	9.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Burn piles on the landside of the levee. The picture was taken from the crown of the levee looking upstream.	
pkazi_f_20131001_033.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	53
Start Levee Mile	9.18
End Levee Mile	9.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the burning piles on the landside of the levee looking upstream.	
pkazi_f_20131019_954.JPG	



Levee Mile Report Line	55
Start Levee Mile	9.65
End Levee Mile	9.65
Location	Water Side
Category	Earthen Levee
Item	Animal Control
View of a large hole and several smaller holes from across the channel.	
pkazi_f_20131001_064.jpg	



Levee Mile Report Line	60
Start Levee Mile	10.23
End Levee Mile	10.23
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree stumps were found on the landside of the levee looking upstream.	
pkazi_f_20131001_044.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	65
Start Levee Mile	11.73
End Levee Mile	11.73
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131019_955.JPG	



Levee Mile Report Line	66
Start Levee Mile	12.19
End Levee Mile	13.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_046.jpg	



Levee Mile Report Line	67
Start Levee Mile	12.41
End Levee Mile	13.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fences were found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_070.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	69
Start Levee Mile	12.90
End Levee Mile	12.90
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the landside slope of the levee looking downstream.	
pkazi_f_20131019_956.JPG	



Levee Mile Report Line	70
Start Levee Mile	13.06
End Levee Mile	13.06
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Cacti were found on the toe of landside of the levee looking upstream.	
pkazi_f_20131001_043.jpg	



Levee Mile Report Line	71
Start Levee Mile	13.39
End Levee Mile	13.51
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Grape vines within 10' from landside toe of levee from LM 13.39 to 13.51.	
pkazi_f_20131001_039.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	72
Start Levee Mile	13.55
End Levee Mile	13.55
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of a pit along the landward levee toe looking upstream.

pkazi\_f\_20131001\_058.jpg



Levee Mile Report Line	74
Start Levee Mile	13.96
End Levee Mile	13.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Prunings were found on the landside of the levee. The picture was taken from the crown looking towards the toe of the levee.

pkazi\_f\_20131001\_053.jpg



Levee Mile Report Line	75
Start Levee Mile	13.98
End Levee Mile	13.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Pruning and debris were found on the landside of the levee looking downstream.

pkazi\_f\_20131001\_078.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	76
Start Levee Mile	13.99
End Levee Mile	13.99
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of irrigation pipe on the landward slope.	
<i>pkazi_f_20131001_084.jpg</i>	



Levee Mile Report Line	77
Start Levee Mile	14.08
End Levee Mile	14.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Move firewood to outside of 10' from landside toe of levee at LM 14.08.	
<i>pkazi_f_20131001_040.JPG</i>	



Levee Mile Report Line	80
Start Levee Mile	14.40
End Levee Mile	14.40
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A pipe was found on the waterside shoulder of the levee looking upstream.	
<i>pkazi_f_20131001_067.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	80
Start Levee Mile	14.40
End Levee Mile	14.40
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A flap gate was installed on a pipe located on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_068.JPG	



Levee Mile Report Line	81
Start Levee Mile	14.77
End Levee Mile	14.77
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Steps were found on the waterside slope of the levee looking downstream.	
pkazi_f_20131019_957.JPG	



Levee Mile Report Line	82
Start Levee Mile	14.77
End Levee Mile	14.77
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a pipe a landowner placed in the access road and waterward slope to pump water from the channel to irrigate their garden.	
pkazi_f_20131001_085.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	83
Start Levee Mile	14.79
End Levee Mile	14.79
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A corroded pipe was found on the waterside of the levee looking upstream.	
pkazi_f_20131001_054.jpg	



Levee Mile Report Line	84
Start Levee Mile	14.89
End Levee Mile	14.89
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Crown depression was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_055.jpg	



Levee Mile Report Line	85
Start Levee Mile	14.90
End Levee Mile	14.90
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking upstream.	
pkazi_f_20131001_069.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	85
Start Levee Mile	14.90
End Levee Mile	14.90
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the prunings on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131019_958.JPG	



Levee Mile Report Line	87
Start Levee Mile	15.72
End Levee Mile	15.72
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a stump in the landward slope.	
pkazi_f_20131001_050.jpg	



Levee Mile Report Line	88
Start Levee Mile	15.77
End Levee Mile	15.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A drain was found at the toe of landside of the levee. The picture was taken from the crown looking towards the toe.	
pkazi_f_20131001_079.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 07 Bear Creek	Right	16.69	10/08/2013 10/11/2013	Pavel Kazi

Levee Mile Report Line	89
Start Levee Mile	15.87
End Levee Mile	15.87
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the landside of the levee looking downstream.	
pkazi_f_20131019_959.JPG	



Levee Mile Report Line	90
Start Levee Mile	16.07
End Levee Mile	16.07
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A pipe was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_072.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 08 Bear Creek			Left	16.47
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/14/2013 - 05/17/2013		10/15/2013 - 11/08/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

**<http://cdec.water.ca.gov/lma.html>**

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
1	0.78	0.78	Earthen Levee	Encroachments	CR	M	FE : Fence En	38.053178 °	38.053178 °	1054	
								-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1054			
2	0.78	0.78	Earthen Levee	Encroachments	WSA/W	ST	FE : Stairway En	38.053178 °	38.053178 °	1055	
								-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1055			
3	0.78	0.79	Earthen Levee	Encroachments	LS	M	BU : Building En	38.053178 °	38.053178 °	1056	
							Inspector Comments: Patio with benches, table, fence, and steps. Utility valve boxes noted.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1056			
4	0.79	0.79	Earthen Levee	Encroachments	WS	M	BU : Building En	38.053178 °	38.053178 °	1057	
							Inspector Comments: Dock on waterward berm.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1057			
5	0.79	0.81	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.053178 °	38.053178 °	1060	
							Inspector Comments: Fence and small retaining wall with landscaping and irrigation cut into the landward toe.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1060			
6	0.80	0.80	Earthen Levee	Encroachments	WS	M	BU : Building En	38.053178 °	38.053178 °	1061	
							Inspector Comments: Dock on waterward side of berm.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1061			
7	0.80	0.80	Earthen Levee	Encroachments	WSA/W	ST	FE : Stairway En	38.053178 °	38.053178 °	1062	
							Inspector Comments: Stairs and patio on waterward side and slope.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1062			
8	0.80	0.80	Earthen Levee	Encroachments	LS	M	ST : Stairway Ma	38.053178 °	38.053178 °	1075	
								-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1075			
9	0.81	0.81	Earthen Levee	Encroachments	LS	A/W	ST : Stairway En	38.053178 °	38.053178 °	1065	
								-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1065			
10	0.81	0.81	Earthen Levee	Encroachments	WSA/W	ST	FE : Stairway En	38.053178 °	38.053178 °	1066	
								-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1066			
11	0.81	0.81	Earthen Levee	Encroachments	WS	M	BU : Building En	38.053178 °	38.053178 °	1067	
							Inspector Comments: Dock on waterward side of berm.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1067			
12	0.81	0.82	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.053178 °	38.053178 °	1063	
							Inspector Comments: Fence on short retaining wall cut into the landward toe.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1063			
13	0.81	0.82	Earthen Levee	Vegetation	LS	U	V6 : Landscaping En	38.053178 °	38.053178 °	1064	
							Inspector Comments: Landscaping with irrigation (extends onto waterward side) on landward slope.	-121.375387 °	-121.375387 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_1064			
14	0.82	0.82	Earthen Levee	Vegetation	WS	M	V6 : Landscaping En	38.043063 °	38.043063 °	4	
							Inspector Comments: Irrigation system on waterward slope.	-121.369840 °	-121.369840 °		
								DWR ID: DWR_NA0017_08_s_2012_4			

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\*\* Rating

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+ Issue Type

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
15	0.82	0.83	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping Inspector Comments: Landscaping and irrigation on landward slope. There is also a waterfeature built into the slope. Fall 2010: Only the irrigation still exists and it is black tubing on the surface of the levee.	38.053178 °	38.053178 °	1068	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1068	
16	0.82	0.83	Earthen Levee	Vegetation	WS	M En	V6 : Landscaping Inspector Comments: Landscaping and irrigation along the waterward slope. Spring 2010 Update: Landscaping removed, irrigation still exists. Fall 2010: irrigation is now black tubing on the surface of the levee.	38.053178 °	38.053178 °	1071	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1071	
17	0.82	0.82	Earthen Levee	Encroachments	WS	M En	BU : Building Inspector Comments: Dock on waterward side of berm.	38.053178 °	38.053178 °	1072	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1072	
18	0.83	0.83	Earthen Levee	Encroachments	LS	A/W Ma	ST : Stairway Inspector Comments: New stairs on waterward slope.	38.043110 °	38.043110 °	1	
								-121.369538 °	-121.369538 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1	
19	0.83	0.84	Earthen Levee	Encroachments	CR	M En	BU : Building Inspector Comments: Pavers placed on crown of levee.	38.053178 °	38.053178 °	1076	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1076	
20	0.83	0.84	Earthen Levee	Encroachments	LS	M En	FE : Fence Inspector Comments: Fence with landscaping along top of a large retaining wall in landward toe.	38.053178 °	38.053178 °	1077	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1077	
21	0.83	0.84	Earthen Levee	Vegetation	WS	M En	V6 : Landscaping Inspector Comments: Landscaping with irrigation along the waterward slope. Fall 2010: Most of the landscaping has been removed.	38.053178 °	38.053178 °	1079	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1079	
22	0.83	0.84	Earthen Levee	Encroachments	WS	M En	BU : Building Inspector Comments: Retaining wall and patio in waterward toe and on berm.	38.053178 °	38.053178 °	1080	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1080	
23	0.83	0.83	Earthen Levee	Encroachments	LS	A/W En	ST : Stairway Inspector Comments: Stairs from patio down into yard. Large dogs prevented a close view.	38.053178 °	38.053178 °	1078	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1078	
24	0.84	0.84	Earthen Levee	Encroachments	WSA/W	ST : Stairway En	Inspector Comments: Stairs on waterward slope.	38.053178 °	38.053178 °	1081	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1081	
25	0.84	0.84	Earthen Levee	Encroachments	WS	M En	BU : Building Inspector Comments: Dock on waterward side of berm.	38.053178 °	38.053178 °	1082	
								-121.375387 °	-121.375387 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_1082	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
26	0.84	0.85	Earthen Levee	Encroachments	LS M En	BU : Building Inspector Comments: Retaining wall into the landward toe. Some irrigation is still present but landscaping on the slope is not there.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1083 Y	DWR ID: DWR_NA0017_08_s_2012_1083	
27	0.85	0.85	Earthen Levee	Encroachments	LS A/W En	ST : Stairway	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1085 Y	DWR ID: DWR_NA0017_08_s_2012_1085	
28	0.85	0.85	Earthen Levee	Encroachments	WSA/W En	ST : Stairway	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1086 Y	DWR ID: DWR_NA0017_08_s_2012_1086	
29	0.85	0.87	Earthen Levee	Vegetation	LS U En	V6 : Landscaping Inspector Comments: Landscaping and irrigation on the landward slope.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1087 Y	DWR ID: DWR_NA0017_08_s_2012_1087	
30	0.85	0.87	Earthen Levee	Encroachments	LS M En	BU : Building Inspector Comments: Retaining wall and patio into the landward slope.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1088 Y	DWR ID: DWR_NA0017_08_s_2012_1088	
31	0.86	0.86	Earthen Levee	Encroachments	LS A/W En	ST : Stairway	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1089 Y	DWR ID: DWR_NA0017_08_s_2012_1089	
32	0.86	0.86	Earthen Levee	Encroachments	WS M En	BU : Building Inspector Comments: Dock on waterward side of berm with patio on berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1090 Y	DWR ID: DWR_NA0017_08_s_2012_1090	
33	0.87	0.87	Earthen Levee	Encroachments	WS M Ma	PR : Prunings Inspector Comments: Landowner dumping prunings and clippings on the waterward side of the levee.	38.043093 ° -121.368860 °	38.043093 ° -121.368860 °	2 Y	DWR ID: DWR_NA0017_08_s_2012_2	
34	0.87	0.87	Earthen Levee	Encroachments	LS M En	BU : Building Inspector Comments: Shed at the landward toe.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1091 Y	DWR ID: DWR_NA0017_08_s_2012_1091	
35	0.87	0.88	Earthen Levee	Encroachments	LS U En	FE : Fence Inspector Comments: Fence on shoulder with an electrical panel and irrigation blocking visibility and access of/to the landward slope and toe. There appear to be some encroachments beyond including landscaping and a pool.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1092 Y	DWR ID: DWR_NA0017_08_s_2012_1092	
36	0.87	0.88	Earthen Levee	Vegetation	LS U En	V6 : Landscaping Inspector Comments: Bushes growing above and behind wood fence further obstructing visibility and access.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1093 Y	DWR ID: DWR_NA0017_08_s_2012_1093	
37	0.88	0.88	Earthen Levee	Encroachments	WS U En	BU : Building Inspector Comments: Dock on waterward side of berm.	38.053178 ° -121.375387 °	38.053178 ° -121.375387 °	1094 Y	DWR ID: DWR_NA0017_08_s_2012_1094	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi	
LMR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.		
	Start	End						Start	End			
38	1.01	1.01	Earthen Levee	Encroachments	LS	C	PR : Prunings Ma	38.043018 °	38.043018 °	26	-121.365839 °	-121.365839 ° DWR ID: DWR_NA0017_08_s_2013_26
39	1.12	1.12	Earthen Levee	Encroachments	LS	C	DT : Ditch En Inspector Comments: A drain pipe from the pool is draining water at the landside toe of the levee.	38.042992 °	38.042992 °	22	-121.363831 °	-121.363831 ° DWR ID: DWR_NA0017_08_s_2013_22
40	1.19	1.19	Earthen Levee	Encroachments	LS	C	ST : Stairway Ma	38.042961 °	38.042961 °	47	-121.362522 °	-121.362522 ° DWR ID: DWR_NA0017_08_f_2012_47
41	1.25	1.25	Earthen Levee	Encroachments	LS	C	DE : Debris Ma	38.042931 °	38.042931 °	16	-121.361533 °	-121.361533 ° DWR ID: DWR_NA0017_08_s_2013_16
42	1.31	1.31	Earthen Levee	Encroachments	LS	M	ST : Stairway Ma	38.042894 °	38.042894 °	31	-121.360467 °	-121.360467 ° Y DWR ID: DWR_NA0017_08_f_2013_31
43	1.47	1.47	Earthen Levee	Encroachments	LS	M	PR : Prunings Ma	38.042830 °	38.042830 °	15	-121.357594 °	-121.357594 ° Y DWR ID: DWR_NA0017_08_f_2013_15
44	1.48	1.48	Earthen Levee	Encroachments	LS	C	ST : Stairway Ma	38.042835 °	38.042835 °	21	-121.357428 °	-121.357428 ° DWR ID: DWR_NA0017_08_f_2012_21
45	1.49	1.49	Earthen Levee	Animal Control	WS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.042830 °	38.042830 °	19	-121.357255 °	-121.357255 ° DWR ID: DWR_NA0017_08_f_2012_19
46	1.57	1.57	Earthen Levee	Animal Control	WS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	38.042821 °	38.042821 °	71	-121.355694 °	-121.355694 ° DWR ID: DWR_NA0017_08_f_2012_71
47	1.73	1.73	Earthen Levee	Trim / Thin Trees	LS	N	T5 : Tree stumps. Ma	38.042751 °	38.042751 °	18	-121.353062 °	-121.353062 ° Y DWR ID: DWR_NA0017_08_f_2012_18
48	1.81	1.81	Concrete Floodwalls	Monolith Joints	WS	M	Ma	38.042716 °	38.042716 °	34	-121.351504 °	-121.351504 ° Y DWR ID: DWR_NA0017_08_f_2013_34
49	1.83	1.83	Concrete Floodwalls	Monolith Joints	LS	M	Ma	38.042725 °	38.042725 °	8	-121.351237 °	-121.351237 ° Y DWR ID: DWR_NA0017_08_s_2013_8
50	1.85	1.85	Concrete Floodwalls	Monolith Joints	WS	M	Ma	38.042704 °	38.042704 °	11	-121.350847 °	-121.350847 ° Y DWR ID: DWR_NA0017_08_f_2013_11
51	1.97	1.97	Concrete Floodwalls	Monolith Joints	WS	M	Ma	38.042796 °	38.042796 °	9	-121.348703 °	-121.348703 ° Y DWR ID: DWR_NA0017_08_f_2012_9
52	2.04	2.07	Earthen Levee	Vegetation	LS	M	V6 : Landscaping En Inspector Comments: Ivy and oleanders on landward slope.	38.042746 °	38.042803 °	1006	-121.347335 °	-121.346812 ° Y DWR ID: DWR_NA0017_08_s_2012_1006

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek							Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

L/MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
53	2.06	2.06	Earthen Levee	Encroachments	LS Ma	M	ST : Stairway Inspector Comments: Steps were removed but the hand rails still exists at the location.	38.042805 °	38.042805 °	1007
								-121.347071 °	-121.347071 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1007
54	2.08	2.08	Earthen Levee	Encroachments	LS Ma	C	PR : Prunings	38.042790 °	38.042790 °	27
								-121.346728 °	-121.346728 °	
										DWR ID: DWR_NA0017_08_s_2013_27
55	2.10	2.10	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.042782 °	38.042782 °	84
								-121.346310 °	-121.346310 °	
										DWR ID: DWR_NA0017_08_f_2012_84
56	2.11	2.14	Earthen Levee	Encroachments	LS En	U	FE : Fence Inspector Comments: The fence is covered by ivy.	38.042797 °	38.042787 °	1008
								-121.346087 °	-121.345608 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1008
57	2.14	2.16	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	38.042786 °	38.042779 °	1009
								-121.345607 °	-121.345154 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1009
58	2.17	2.19	Earthen Levee	Encroachments	LS En	U	FE : Fence Inspector Comments: Wood fence on landward toe.	38.042779 °	38.042775 °	1011
								-121.345119 °	-121.344777 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1011
59	2.19	2.25	Earthen Levee	Encroachments	LS En	U	FE : Fence Inspector Comments: Wood fence on landward toe.	38.042775 °	38.042773 °	1012
								-121.344777 °	-121.343691 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1012
60	2.20	2.20	Concrete Floodwalls	Monolith Joints	WS Ma	M		38.042771 °	38.042771 °	29
								-121.344443 °	-121.344443 °	Y
										DWR ID: DWR_NA0017_08_s_2013_29
61	2.21	2.21	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings	38.042776 °	38.042776 °	48
								-121.344309 °	-121.344309 °	Y
										DWR ID: DWR_NA0017_08_f_2013_48
62	2.22	2.22	Concrete Floodwalls	Monolith Joints	WS Ma	M		38.042767 °	38.042767 °	32
								-121.344245 °	-121.344245 °	Y
										DWR ID: DWR_NA0017_08_s_2013_32
63	2.25	2.30	Earthen Levee	Encroachments	LS En	U	FE : Fence Inspector Comments: Wood fence on the landward slope.	38.042764 °	38.042765 °	1018
								-121.343690 °	-121.342620 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1018
64	2.30	2.38	Earthen Levee	Encroachments	LS En	M	FE : Fence Inspector Comments: Chain link fence on landward slope.	38.042765 °	38.042760 °	1021
								-121.342620 °	-121.341167 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1021
65	2.33	2.33	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.	38.042751 °	38.042751 °	40
								-121.342119 °	-121.342119 °	
										DWR ID: DWR_NA0017_08_s_2012_40
66	2.38	2.38	Earthen Levee	Encroachments	LS En	M	BU : Building Inspector Comments: Handrails on the landward slope.	38.042758 °	38.042758 °	10
								-121.341210 °	-121.341210 °	
										DWR ID: DWR_NA0017_08_s_2012_10
67	2.38	2.40	Earthen Levee	Encroachments	LS En	M	FE : Fence Inspector Comments: Wood fence on landward slope.	38.042761 °	38.042767 °	1023
								-121.341166 °	-121.340867 °	Y
										DWR ID: DWR_NA0017_08_s_2012_1023

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek							Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start
	Start	End						En	Photo	
68	2.40	2.43	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.042764 °	38.042751 °	1024
								-121.340865 °	-121.340480 °	Y
								DWR ID: DWR_NA0017_08_s_2012_1024		
69	2.43	2.43	Earthen Levee	Encroachments	LS	M	PR : Prunings En	38.042756 °	38.042756 °	43
								-121.340599 °	-121.340599 °	Y
								DWR ID: DWR_NA0017_08_f_2013_43		
70	2.43	2.69	Earthen Levee	Encroachments	LS	U	FE : Fence En	38.042752 °	38.042717 °	1026
								-121.340479 °	-121.335738 °	Y
								DWR ID: DWR_NA0017_08_s_2012_1026		
71	2.45	2.45	Earthen Levee	Trim / Thin Trees	LS	N	T5 : Tree stumps. Ma	38.042739 °	38.042739 °	36
								-121.340100 °	-121.340100 °	
								DWR ID: DWR_NA0017_08_s_2012_36		
72	2.47	2.47	Earthen Levee	Vegetation	LS	M	V6 : Landscaping En	38.042752 °	38.042752 °	50
								-121.339773 °	-121.339773 °	Y
								DWR ID: DWR_NA0017_08_f_2013_50		
73	2.48	2.48	Earthen Levee	Encroachments	LS	M	DT : Ditch En	38.042744 °	38.042744 °	42
								-121.339671 °	-121.339671 °	Y
								DWR ID: DWR_NA0017_08_s_2012_42		
74	2.55	2.55	Earthen Levee	Trim / Thin Trees	LS	N	T5 : Tree stumps. Ma	38.042743 °	38.042743 °	12
								-121.338343 °	-121.338343 °	Y
								DWR ID: DWR_NA0017_08_s_2012_12		
75	2.57	2.57	Earthen Levee	Trim / Thin Trees	LS	N	T5 : Tree stumps. Ma	38.042721 °	38.042721 °	33
								-121.337887 °	-121.337887 °	
								DWR ID: DWR_NA0017_08_s_2012_33		
76	2.58	2.61	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.042718 °	38.042713 °	39
								-121.337506 °	-121.337074 °	Y
								DWR ID: DWR_NA0017_08_s_2012_39		
77	2.61	2.61	Earthen Levee	Encroachments	LS	U	BU : Building En	38.042724 °	38.042724 °	963
								-121.337075 °	-121.337075 °	Y
								DWR ID: DWR_NA0017_08_s_2012_963		
78	2.69	2.71	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.042718 °	38.042718 °	1037
								-121.335738 °	-121.335468 °	
								DWR ID: DWR_NA0017_08_s_2012_1037		
79	2.71	2.77	Earthen Levee	Encroachments	LS	U	FE : Fence En	38.042713 °	38.042715 °	1038
								-121.335472 °	-121.334296 °	
								DWR ID: DWR_NA0017_08_s_2012_1038		
80	2.75	2.75	Earthen Levee	Trim / Thin Trees	LS	N	T5 : Tree stumps. Ma	38.042710 °	38.042710 °	30
								-121.334677 °	-121.334677 °	
								DWR ID: DWR_NA0017_08_s_2012_30		
81	2.77	2.82	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.042715 °	38.042714 °	1040
								-121.334295 °	-121.333564 °	Y
								DWR ID: DWR_NA0017_08_s_2012_1040		
82	2.82	2.86	Earthen Levee	Encroachments	LS	U	FE : Fence En	38.042716 °	38.042714 °	1041
								-121.333564 °	-121.332687 °	
								DWR ID: DWR_NA0017_08_s_2012_1041		

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**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
83	2.86	2.89	Earthen Levee	Encroachments	LS En	M	FE : Fence Inspector Comments: Chainlink fence on landward toe.	38.042714 °	38.042710 °	1042	
								-121.332687 °	-121.332223 °		
								DWR ID: DWR_NA0017_08_s_2012_1042			
84	2.93	3.41	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.042696 °	38.042658 °	937	
								-121.331553 °	-121.322930 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_937			
85	3.08	3.08	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.	38.042624 °	38.042624 °	13	
								-121.328781 °	-121.328781 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_13			
86	3.11	3.11	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings	38.042661 °	38.042661 °	38	
								-121.328178 °	-121.328178 °	Y	
								DWR ID: DWR_NA0017_08_f_2013_38			
87	3.15	3.15	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.	38.042638 °	38.042638 °	14	
								-121.327479 °	-121.327479 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_14			
88	3.15	3.15	Earthen Levee	Encroachments	LS En	M	PL : Pool	38.042658 °	38.042658 °	938	
								Inspector Comments: Pool is constructed within 10 feet toe of the levee.	-121.327418 °	-121.327418 °	
									DWR ID: DWR_NA0017_08_s_2012_938		
89	3.19	3.19	Concrete Floodwalls	Monolith Joints	WS Ma	M		38.042652 °	38.042652 °	37	
								-121.326883 °	-121.326883 °	Y	
								DWR ID: DWR_NA0017_08_s_2013_37			
90	3.22	3.22	Concrete Floodwalls	Monolith Joints	LS Ma	M		38.042654 °	38.042654 °	940	
								-121.325611 °	-121.325611 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_940			
91	3.29	3.29	Concrete Floodwalls	Monolith Joints	WS Ma	M		38.042643 °	38.042643 °	41	
								-121.325208 °	-121.325208 °		
								DWR ID: DWR_NA0017_08_f_2013_41			
92	3.34	3.41	Earthen Levee	Encroachments	LS En	U	FE : Fence	38.042650 °	38.042657 °	88	
								-121.324296 °	-121.322933 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_88			
93	3.40	3.40	Concrete Floodwalls	Monolith Joints	WS Ma	M		38.042652 °	38.042652 °	28	
								-121.323034 °	-121.323034 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_28			
94	3.56	3.72	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.042598 °	38.042596 °	17	
								Inspector Comments: Wood and metal post barbed wire fence at the landward toe.	-121.320107 °	-121.317354 °	
									DWR ID: DWR_NA0017_08_s_2012_17		
95	4.15	4.66	Earthen Levee	Encroachments	LS En	M	DT : Ditch	38.042490 °	38.042838 °	20	
								-121.309742 °	-121.300586 °	Y	
								DWR ID: DWR_NA0017_08_s_2012_20			
96	4.34	4.34	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside of the levee.	38.042461 °	38.042461 °	44	
								-121.306167 °	-121.306167 °	Y	
								DWR ID: DWR_NA0017_08_f_2013_44			
97	5.36	5.36	Earthen Levee	Slope Stability	WS Ma	C	S1 : Repair slope instability.	38.048125 °	38.048125 °	46	
								-121.291265 °	-121.291265 °		
								DWR ID: DWR_NA0017_08_s_2013_46			

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**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi
L/MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
98	6.24	6.24	Earthen Levee	Slope Stability	WS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.  Inspector Comments: Vehicle traffic causing minor erosion on the waterward slope, but if allowed to continue, more significant erosion may occur.	38.052215 °	38.052215 °	25	
								-121.277064 °	-121.277064 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_25	
99	6.28	6.28	Earthen Levee	Animal Control	LS	C Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.052190 °	38.052190 °	52	
								-121.276356 °	-121.276356 °		
										DWR ID: DWR_NA0017_08_s_2013_52	
100	6.29	6.29	Earthen Levee	Erosion / Bank Caving	WS	C Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.052209 °	38.052209 °	57	
								-121.275991 °	-121.275991 °		
										DWR ID: DWR_NA0017_08_s_2013_57	
101	6.68	6.68	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	38.053158 °	38.053158 °	60	
								-121.269455 °	-121.269455 °	Y	
										DWR ID: DWR_NA0017_08_s_2013_60	
102	6.82	6.82	Earthen Levee	Slope Stability	WS	M Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.053932 °	38.053932 °	45	
								-121.267136 °	-121.267136 °	Y	
										DWR ID: DWR_NA0017_08_f_2013_45	
103	7.57	7.62	Earthen Levee	Vegetation	LS	M En	V6 : Landscaping	38.061125 °	38.061611 °	54	
								-121.258760 °	-121.258137 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_54	
104	7.65	7.65	Earthen Levee	Slope Stability	LS	M Ma	S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.	38.061985 °	38.061985 °	49	
								-121.257531 °	-121.257531 °	Y	
										DWR ID: DWR_NA0017_08_s_2012_49	
105	8.10	8.10	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection.  Inspector Comments: Runoff on the waterside	38.064491 °	38.064491 °	58	
								-121.250702 °	-121.250702 °		
										DWR ID: DWR_NA0017_08_f_2013_58	
106	8.23	8.23	Earthen Levee	Animal Control	LS	C Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.065380 °	38.065380 °	69	
								-121.248719 °	-121.248719 °		
										DWR ID: DWR_NA0017_08_s_2013_69	
107	8.23	8.23	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.  Inspector Comments: LMA fixed the problem.	38.065373 °	38.065373 °	65	
								-121.248709 °	-121.248709 °	Y	
										DWR ID: DWR_NA0017_08_f_2013_65	
108	8.37	8.37	Earthen Levee	Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.066560 °	38.066560 °	68	
								-121.246645 °	-121.246645 °	Y	
										DWR ID: DWR_NA0017_08_f_2013_68	
109	8.56	8.56	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection.  Inspector Comments: Runoff on the waterside slope of the levee.	38.066932 °	38.066932 °	81	
								-121.243329 °	-121.243329 °	Y	
										DWR ID: DWR_NA0017_08_f_2013_81	
110	8.83	8.83	Earthen Levee	Animal Control	LS	C Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.066982 °	38.066982 °	73	
								-121.238604 °	-121.238604 °		
										DWR ID: DWR_NA0017_08_s_2013_73	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
111	8.90	8.90	Earthen Levee	Animal Control	LS Ma	A	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The LMA fixed the issue.	38.066978 ° -121.237403 °	38.066978 ° -121.237403 °	83 Y	
										DWR ID: DWR_NA0017_08_f_2013_83	
112	8.90	8.90	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.066987 ° -121.237262 °	38.066987 ° -121.237262 °	74 Y	
										DWR ID: DWR_NA0017_08_s_2013_74	
113	9.04	9.04	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.067139 ° -121.234840 °	38.067139 ° -121.234840 °	75 Y	
										DWR ID: DWR_NA0017_08_s_2013_75	
114	9.47	9.47	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.069347 ° -121.227716 °	38.069347 ° -121.227716 °	78 Y	
										DWR ID: DWR_NA0017_08_s_2013_78	
115	9.48	9.48	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.069436 ° -121.227527 °	38.069436 ° -121.227527 °	92 Y	
										DWR ID: DWR_NA0017_08_f_2012_92	
116	9.49	9.49	Earthen Levee	Slope Stability	LS Ma	A	S1 : Repair slope instability. Inspector Comments: LMA fixed the issue.	38.069434 ° -121.227521 °	38.069434 ° -121.227521 °	85 Y	
										DWR ID: DWR_NA0017_08_f_2013_85	
117	9.52	9.52	Earthen Levee	Encroachments	LS En	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.069625 ° -121.226987 °	38.069625 ° -121.226987 °	55 Y	
										DWR ID: DWR_NA0017_08_s_2012_55	
118	9.56	9.56	Earthen Levee	Slope Stability	WS Ma	C	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.069776 ° -121.226282 °	38.069776 ° -121.226282 °	79 Y	
										DWR ID: DWR_NA0017_08_s_2013_79	
119	9.56	9.56	Earthen Levee	Slope Stability	WS Ma	A	S1 : Repair slope instability. Inspector Comments: LMA fixed the issue.	38.069777 ° -121.226209 °	38.069777 ° -121.226209 °	93 Y	
										DWR ID: DWR_NA0017_08_f_2013_93	
120	9.75	9.75	Earthen Levee	Encroachments	WS En	M	PI : Pipe	38.069786 ° -121.222838 °	38.069786 ° -121.222838 °	56 Y	
										DWR ID: DWR_NA0017_08_s_2012_56	
121	9.76	9.76	Earthen Levee	Encroachments	WS En	M	PO : Pole	38.069786 ° -121.222752 °	38.069786 ° -121.222752 °	35 Y	
										DWR ID: DWR_NA0017_08_s_2012_35	
122	10.23	10.45	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.072622 ° -121.215853 °	38.073617 ° -121.212182 °	950 Y	
										DWR ID: DWR_NA0017_08_s_2012_950	
123	10.74	10.74	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.075641 ° -121.208226 °	38.075641 ° -121.208226 °	91 Y	
										DWR ID: DWR_NA0017_08_s_2013_91	
124	11.47	11.64	Earthen Levee	Encroachments	LS En	M	FE : Fence Inspector Comments: Barbed wire fence on landward toe.	38.081609 ° -121.198702 °	38.083333 ° -121.196611 °	1107 Y	
										DWR ID: DWR_NA0017_08_s_2012_1107	

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**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek								Left	16.47	10/15/2013 11/08/2013	Pavel Kazi
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
125	12.05	12.05	Earthen Levee	Encroachments	LS	C	PI : Pipe En Inspector Comments: A PVC pipe from irrigation pump connected to a culvert.	38.086140 °	38.086140 °	63	-121.190491 ° -121.190491 ° DWR ID: DWR_NA0017_08_s_2012_63
126	12.41	12.41	Earthen Levee	Encroachments	LS	A	DT : Ditch En Inspector Comments: LMA fixed the issue.	38.089024 °	38.089024 °	100	-121.185239 ° -121.185239 ° Y DWR ID: DWR_NA0017_08_f_2013_100
127	12.43	12.43	Earthen Levee	Encroachments	LS	C	DT : Ditch En Inspector Comments: Farmer made a ditch connecting to the drain on the landside toe of the levee.	38.089102 °	38.089102 °	86	-121.185186 ° -121.185186 ° DWR ID: DWR_NA0017_08_s_2013_86
128	12.49	12.49	Earthen Levee	Encroachments	LS	M	DT : Ditch En	38.089971 °	38.089971 °	66	-121.184914 ° -121.184914 ° Y DWR ID: DWR_NA0017_08_s_2012_66
129	12.60	12.74	Earthen Levee	Encroachments	LS	M	FE : Fence En	38.091226 °	38.091777 °	61	-121.184034 ° -121.181578 ° Y DWR ID: DWR_NA0017_08_s_2012_61
130	12.77	13.06	Earthen Levee	Encroachments	LS	M	FE : Fence En Inspector Comments: Barbed wire fence within 10 feet of the landward toe.	38.091814 °	38.093124 °	62	-121.181058 ° -121.176383 ° Y DWR ID: DWR_NA0017_08_s_2012_62
131	12.93	12.93	Earthen Levee	Encroachments	LS	M	PO : Pole En	38.092147 °	38.092147 °	64	-121.178319 ° -121.178319 ° DWR ID: DWR_NA0017_08_s_2012_64
132	12.98	12.98	Earthen Levee	Encroachments	WS	C	DE : Debris Ma	38.092501 °	38.092501 °	67	-121.177397 ° -121.177397 ° DWR ID: DWR_NA0017_08_s_2012_67
133	13.54	13.54	Earthen Levee	Vegetation	LS	M	V6 : Landscaping En Inspector Comments: Cacti was found on the landside of the levee.	38.100925 °	38.100925 °	70	-121.176894 ° -121.176894 ° Y DWR ID: DWR_NA0017_08_s_2012_70
134	13.82	13.82	Earthen Levee	Slope Stability	LS	M	S1 : Repair slope instability. Ma	38.104926 °	38.104926 °	102	-121.176561 ° -121.176561 ° Y DWR ID: DWR_NA0017_08_f_2013_102
135	13.87	13.87	Earthen Levee	Encroachments	WS	M	PO : Pole En	38.105617 °	38.105617 °	77	-121.175923 ° -121.175923 ° DWR ID: DWR_NA0017_08_s_2012_77
136	13.94	13.94	Earthen Levee	Slope Stability	LS	M	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible. Ma	38.106152 °	38.106152 °	104	-121.175060 ° -121.175060 ° Y DWR ID: DWR_NA0017_08_f_2013_104
137	14.09	14.09	Earthen Levee	Encroachments	LS	M	DE : Debris Ma	38.107686 °	38.107686 °	105	-121.173295 ° -121.173295 ° Y DWR ID: DWR_NA0017_08_f_2013_105
138	14.52	14.52	Earthen Levee	Encroachments	WS	M	PO : Pole En	38.113768 °	38.113768 °	98	-121.171900 ° -121.171900 ° DWR ID: DWR_NA0017_08_f_2012_98

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LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
139	15.07	15.07	Earthen Levee	Animal Control	WS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Ma	38.121177 °    38.121177 °    96 -121.169314 °    -121.169314 °	DWR ID: DWR_NA0017_08_s_2013_96	
140	15.15	15.15	Earthen Levee	Encroachments	LS	M	DE : Debris	Ma	38.122323 °    38.122323 °    99 -121.169032 °    -121.169032 °	DWR ID: DWR_NA0017_08_s_2013_99	
141	15.20	15.20	Earthen Levee	Erosion / Bank Caving	WS	M	E2 : Schedule repair of erosion site prior to the next inspection.	Ma	38.125818 °    38.125818 °    89 -121.166410 °    -121.166410 °    Y	DWR ID: DWR_NA0017_08_s_2013_89	
142	15.33	15.33	Earthen Levee	Animal Control	LS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Ma	38.124711 °    38.124711 °    76 -121.168374 °    -121.168374 °	DWR ID: DWR_NA0017_08_s_2012_76	
143	15.39	15.73	Earthen Levee	Vegetation	LS	C	V2 : Remove the wild growth other than native grasses from the levee slopes.	Ma	38.125462 °    38.127209 °    121 -121.167490 °    -121.161794 °	DWR ID: DWR_NA0017_08_s_2012_121	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Crown
Category	Earthen Levee
Item	Encroachments
View of a open fence and gate across the crown at the current start of the unit looking upstream. Limited access has been provided.	
pkazi_f_20131001_163.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of steps on the waterward slope of the levee looking upstream.	
pkazi_f_20131001_164.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.78
End Levee Mile	0.79
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a patio with table, benches, and irrigation on the landward side of the levee.	
pkazi_f_20131001_165.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.79
End Levee Mile	0.79
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a dock off the waterward berm.	
<i>pkazi_f_20131001_166.jpg</i>	



Levee Mile Report Line	4
Start Levee Mile	0.79
End Levee Mile	0.79
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of the dock at the waterside of the levee during fall 2011 inspection. The picture was taken from the crown looking upstream.	
<i>pkazi_f_20131001_167.jpg</i>	



Levee Mile Report Line	5
Start Levee Mile	0.79
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence on top of a retaining wall in the landward toe of the levee. Some landscaping and irrigation are also present.	
<i>pkazi_f_20131001_168.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock off the waterward side of the berm.

pkazi\_f\_20131001\_169.jpg



Levee Mile Report Line	7
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of stairs and patio on the waterward slope and berm looking upstream.

pkazi\_f\_20131001\_170.jpg



Levee Mile Report Line	7
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Stairway on the waterside slope of the levee during fall 2011 inspection.

pkazi\_f\_20131001\_171.jpg



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	8
Start Levee Mile	0.80
End Levee Mile	0.80
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of steps on the landward slope looking upstream.	
<a href="#">pkazi_f_20131001_180.jpg</a>	



Levee Mile Report Line	9
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of steps on the landward slope.	
<a href="#">pkazi_f_20131001_174.jpg</a>	



Levee Mile Report Line	10
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of steps on the waterward slope looking upstream.	
<a href="#">pkazi_f_20131001_175.jpg</a>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of a dock on the waterward side of the berm.

pkazi\_f\_20131001\_176.jpg



Levee Mile Report Line	12
Start Levee Mile	0.81
End Levee Mile	0.82
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a open fence on a retaining wall in the landward toe of the levee looking upstream.

pkazi\_f\_20131001\_172.jpg



Levee Mile Report Line	13
Start Levee Mile	0.81
End Levee Mile	0.82
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of landscaping obstructing visibility and access and irrigation along the landward slope looking upstream.

pkazi\_f\_20131001\_173.jpg



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	15
Start Levee Mile	0.82
End Levee Mile	0.83
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping and irrigation along the landward slope looking upstream.	
<i>pkazi_f_20131001_177.jpg</i>	



Levee Mile Report Line	16
Start Levee Mile	0.82
End Levee Mile	0.83
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of landscaping and irrigation on the waterward slope looking upstream.	
<i>pkazi_f_20131001_178.jpg</i>	



Levee Mile Report Line	17
Start Levee Mile	0.82
End Levee Mile	0.82
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a dock and pathway on the waterward side of the berm.	
<i>pkazi_f_20131001_179.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	18
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of recently modified steps on the waterward slope of the levee looking upstream.	
<i>pkazi_f_20131001_086.jpg</i>	



Levee Mile Report Line	19
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Crown
Category	Earthen Levee
Item	Encroachments
View of pavers placed on the crown of the levee looking upstream. Potted landscaping and irrigation can also be seen.	
<i>pkazi_f_20131001_181.jpg</i>	



Levee Mile Report Line	19
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Crown
Category	Earthen Levee
Item	Encroachments
View of pavers placed on the crown looking downstream. This picture was taken during fall 2011 inspection.	
<i>pkazi_f_20131001_182.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	20
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence on top of a large retaining wall in the landward slope looking upstream. Landscaping is growing along the fence.	
pkazi_f_20131001_183.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of landscaping and irrigation on the waterward slope looking upstream.	
pkazi_f_20131001_185.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the landscaping on the waterside of the levee looking downstream. This picture was taken during fall 2011 inspection.	
pkazi_f_20131001_186.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	22
Start Levee Mile	0.83
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a retaining wall and patio with furniture in the waterward toe and berm looking upstream.	
pkazi_f_20131001_187.jpg	



Levee Mile Report Line	23
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of steps on the landward slope and dogs preventing a closer inspection.	
pkazi_f_20131001_184.jpg	



Levee Mile Report Line	24
Start Levee Mile	0.84
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of steps on the waterward slope of the levee looking upstream.	
pkazi_f_20131001_188.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	25
Start Levee Mile	0.84
End Levee Mile	0.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a dock on the waterward side of the berm.	
	
pkazi_f_20131001_189.jpg	

Levee Mile Report Line	26
Start Levee Mile	0.84
End Levee Mile	0.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a retaining wall in the landward slope.	
	
pkazi_f_20131001_190.jpg	

Levee Mile Report Line	27
Start Levee Mile	0.85
End Levee Mile	0.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of steps on the landward slope looking upstream.	
	
pkazi_f_20131001_191.jpg	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	28
Start Levee Mile	0.85
End Levee Mile	0.85
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of steps on the waterward slope looking upstream.

pkazi\_f\_20131001\_192.jpg



Levee Mile Report Line	29
Start Levee Mile	0.85
End Levee Mile	0.87
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of landscaping and irrigation on the landward slope looking upstream.

pkazi\_f\_20131001\_193.jpg



Levee Mile Report Line	29
Start Levee Mile	0.85
End Levee Mile	0.87
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of landscaping on the landside of the levee looking upstream. This picture was taken during fall 2011 inspection.

pkazi\_f\_20131001\_194.jpg



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	30
Start Levee Mile	0.85
End Levee Mile	0.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a retaining wall and patio in the landward slope.	
<i>pkazi_f_20131001_195.jpg</i>	



Levee Mile Report Line	31
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of steps on the landward slope looking upstream.	
<i>pkazi_f_20131001_196.jpg</i>	



Levee Mile Report Line	32
Start Levee Mile	0.86
End Levee Mile	0.86
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a dock and concrete pad on the waterward side of the berm.	
<i>pkazi_f_20131001_197.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	33
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a prunings pile on the waterward berm looking upstream.	
pkazi_f_20131001_087.jpg	



Levee Mile Report Line	34
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a shed located at the landward toe looking upstream.	
pkazi_f_20131001_198.jpg	



Levee Mile Report Line	35
Start Levee Mile	0.87
End Levee Mile	0.88
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence at the landward shoulder blocking visibility and access looking upstream. Some encroachments can be seen through the fence but not with any detail. Also visible is an electrical panel and hose bib.	
pkazi_f_20131001_199.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	36
Start Levee Mile	0.87
End Levee Mile	0.88
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of bushes above the fence at the landward shoulder further obstructing visibility looking upstream.	
pkazi_f_20131001_200.jpg	



Levee Mile Report Line	37
Start Levee Mile	0.88
End Levee Mile	0.88
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a dock on the waterward side of the berm.	
pkazi_f_20131001_201.jpg	



Levee Mile Report Line	42
Start Levee Mile	1.31
End Levee Mile	1.31
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Steps were dug on the landside slope of the levee looking downstream.	
pkazi_f_20131026_000.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	43
Start Levee Mile	1.47
End Levee Mile	1.47
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside toe of the levee looking downstream.	
pkazi_f_20131025_999.JPG	



Levee Mile Report Line	47
Start Levee Mile	1.73
End Levee Mile	1.73
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
A tree stump was found on the landside toe of the levee. The picture was taken from the crown looking towards the toe.	
pkazi_f_20131001_095.jpg	



Levee Mile Report Line	48
Start Levee Mile	1.81
End Levee Mile	1.81
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.	
pkazi_f_20131026_001.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	49
Start Levee Mile	1.83
End Levee Mile	1.83
Location	Land Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking downstream.	
pkazi_f_20131001_088.JPG	



05/14/2013

Levee Mile Report Line	50
Start Levee Mile	1.85
End Levee Mile	1.85
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.	
pkazi_f_20131025_998.JPG	



10/15/2013

Levee Mile Report Line	51
Start Levee Mile	1.97
End Levee Mile	1.97
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at this location. The picture was taken from crown looking downstream.	
pkazi_f_20131001_089.jpg	



11/07/2012

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	52
Start Levee Mile	2.04
End Levee Mile	2.07
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along the landward slope looking upstream. County crews have greatly reduced the amount of material and increased visibility and access.	
pkazi_f_20131001_149.jpg	



Levee Mile Report Line	53
Start Levee Mile	2.06
End Levee Mile	2.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of steps dug into the landward slope looking upstream.	
pkazi_f_20131001_150.jpg	



Levee Mile Report Line	56
Start Levee Mile	2.11
End Levee Mile	2.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence with landscaping growing on it at the landward toe looking upstream.	
pkazi_f_20131001_151.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	57
Start Levee Mile	2.14
End Levee Mile	2.16
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along the landward slope looking upstream.	
<i>pkazi_f_20131001_152.jpg</i>	



Levee Mile Report Line	58
Start Levee Mile	2.17
End Levee Mile	2.19
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward toe looking upstream.	
<i>pkazi_f_20131001_153.jpg</i>	



Levee Mile Report Line	59
Start Levee Mile	2.19
End Levee Mile	2.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward toe looking upstream.	
<i>pkazi_f_20131001_154.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	59
Start Levee Mile	2.19
End Levee Mile	2.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was located on the landside toe of the levee looking upstream. This picture was taken during spring 2012 inspection.	pkazi_f_20131001_155.jpg



Levee Mile Report Line	60
Start Levee Mile	2.20
End Levee Mile	2.20
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.	pkazi_f_20131001_105.JPG



Levee Mile Report Line	61
Start Levee Mile	2.21
End Levee Mile	2.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside toe of the levee looking upstream.	pkazi_f_20131028_006.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	62
Start Levee Mile	2.22
End Levee Mile	2.22
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.	
pkazi_f_20131001_106.JPG	



Levee Mile Report Line	63
Start Levee Mile	2.25
End Levee Mile	2.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a wood fence at the landward toe.	
pkazi_f_20131001_156.jpg	



Levee Mile Report Line	63
Start Levee Mile	2.25
End Levee Mile	2.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the fence on the landside toe of the levee looking upstream. This picture was taken during fall 2011 inspection.	
pkazi_f_20131001_157.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	64
Start Levee Mile	2.30
End Levee Mile	2.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence on the landward slope looking upstream.	
pkazi_f_20131001_158.jpg	



Levee Mile Report Line	67
Start Levee Mile	2.38
End Levee Mile	2.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence at the landward toe.	
pkazi_f_20131001_159.jpg	



Levee Mile Report Line	68
Start Levee Mile	2.40
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence at the landward toe.	
pkazi_f_20131001_160.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	69
Start Levee Mile	2.43
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside toe of the levee looking downstream.	
pkazi_f_20131028_007.JPG	



Levee Mile Report Line	70
Start Levee Mile	2.43
End Levee Mile	2.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence at the landward toe looking upstream.	
pkazi_f_20131001_161.jpg	



Levee Mile Report Line	72
Start Levee Mile	2.47
End Levee Mile	2.47
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping was found on the landside toe of the levee looking upstream.	
pkazi_f_20131028_008.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	73
Start Levee Mile	2.48
End Levee Mile	2.48
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The owner excavated a ditch on the toe at the landside of the levee. The picture was taken from the landside of the levee looking downstream.	
pkazi_f_20131001_109.jpg	



Levee Mile Report Line	73
Start Levee Mile	2.48
End Levee Mile	2.48
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a ditch at the landside toe of the levee looking downstream.	
pkazi_f_20131001_110.jpg	



Levee Mile Report Line	74
Start Levee Mile	2.55
End Levee Mile	2.55
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of stumps along the landward toe looking upstream.	
pkazi_f_20131001_090.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	76
Start Levee Mile	2.58
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence located on shoulder of landside of levee from LM 2.58 to LM 2.61	pkazi_f_20131001_108.JPG



Levee Mile Report Line	77
Start Levee Mile	2.61
End Levee Mile	2.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Landscaping and shed placed on landward levee slope and within 10' of the toe.	pkazi_f_20131001_148.jpg



Levee Mile Report Line	81
Start Levee Mile	2.77
End Levee Mile	2.82
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	pkazi_f_20131001_162.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	84
Start Levee Mile	2.93
End Levee Mile	3.41
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	pkazi_f_20131001_144.JPG



Levee Mile Report Line	85
Start Levee Mile	3.08
End Levee Mile	3.08
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a stump on the landward slope looking upstream.	pkazi_f_20131001_091.jpg



Levee Mile Report Line	86
Start Levee Mile	3.11
End Levee Mile	3.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside toe of the levee looking upstream.	pkazi_f_20131026_002.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	87
Start Levee Mile	3.15
End Levee Mile	3.15
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
View of a stump on the landward slope looking upstream.	
<a href="#">pkazi_f_20131001_092.jpg</a>	



Levee Mile Report Line	88
Start Levee Mile	3.15
End Levee Mile	3.15
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the pool located within 10 feet from the toe of the landside of the levee. The picture was taken from the crown looking towards the toe.	
<a href="#">pkazi_f_20131001_145.jpg</a>	



Levee Mile Report Line	89
Start Levee Mile	3.19
End Levee Mile	3.19
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at this location of the flood wall. The picture was taken from the crown looking upstream.	
<a href="#">pkazi_f_20131001_107.JPG</a>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	90
Start Levee Mile	3.22
End Levee Mile	3.22
Location	Land Side
Category	Concrete Floodwalls
Item	Monolith Joints
Monolith joint material is deteriorating at the joint of the flood wall. The picture was taken from the crown looking upstream.	
pkazi_f_20131001_146.jpg	



Levee Mile Report Line	92
Start Levee Mile	3.34
End Levee Mile	3.41
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fences were found on the landside of the levee looking downstream.	
pkazi_f_20131001_138.jpg	



Levee Mile Report Line	93
Start Levee Mile	3.40
End Levee Mile	3.40
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating on the waterside of the levee looking downstream.	
pkazi_f_20131001_104.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	94
Start Levee Mile	3.56
End Levee Mile	3.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A fence was found on the landside toe of the levee looking downstream.	
pkazi_f_20131001_094.jpg	



Levee Mile Report Line	95
Start Levee Mile	4.15
End Levee Mile	4.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments
An agricultural ditch was found on the landside of the levee looking downstream.	
pkazi_f_20131001_097.jpg	



Levee Mile Report Line	96
Start Levee Mile	4.34
End Levee Mile	4.34
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Runoff damage was found on the landside of the levee looking upstream.	
pkazi_f_20131026_003.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	98
Start Levee Mile	6.24
End Levee Mile	6.24
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
View of damage to the waterward slope of the levee due to vehicle traffic looking upstream.	
<a href="#">pkazi_f_20131001_100.jpg</a>	



Levee Mile Report Line	98
Start Levee Mile	6.24
End Levee Mile	6.24
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability on the landside slope of the levee looking upstream.	
<a href="#">pkazi_f_20131001_101.JPG</a>	



Levee Mile Report Line	101
Start Levee Mile	6.68
End Levee Mile	6.68
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion caused by runoff was found on the waterside slope of the levee looking upstream.	
<a href="#">pkazi_f_20131001_121.JPG</a>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	101
Start Levee Mile	6.68
End Levee Mile	6.68
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion caused by runoff on the landside slope of the levee.	
pkazi_f_20131026_004.JPG	



Levee Mile Report Line	102
Start Levee Mile	6.82
End Levee Mile	6.82
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability caused by vehicle on the landside of the levee looking upstream.	
pkazi_f_20131026_005.JPG	



Levee Mile Report Line	103
Start Levee Mile	7.57
End Levee Mile	7.62
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping along landside slope of levee from LM 7.57 to 7.62	
pkazi_f_20131001_117.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	104
Start Levee Mile	7.65
End Levee Mile	7.65
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Erosion was found on the landside of the levee looking upstream.	
pkazi_f_20131001_114.jpg	



Levee Mile Report Line	104
Start Levee Mile	7.65
End Levee Mile	7.65
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found due to foot traffic on the landside of the levee looking upstream.	
pkazi_f_20131001_115.JPG	



Levee Mile Report Line	107
Start Levee Mile	8.23
End Levee Mile	8.23
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was repaired by the LMA on the landside slope of the levee looking downstream.	
pkazi_f_20131028_009.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	108
Start Levee Mile	8.37
End Levee Mile	8.37
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131028_010.JPG	



Levee Mile Report Line	109
Start Levee Mile	8.56
End Levee Mile	8.56
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
A runoff was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131028_011.JPG	



Levee Mile Report Line	111
Start Levee Mile	8.90
End Levee Mile	8.90
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes were fixed by the LMA on the landside of the levee looking upstream.	
pkazi_f_20131028_012.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	113
Start Levee Mile	9.04
End Levee Mile	9.04
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion caused by runoff was found on the landside slope of the levee looking upstream.	
pkazi_f_20131001_132.JPG	



Levee Mile Report Line	115
Start Levee Mile	9.48
End Levee Mile	9.48
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Slope instability was found on the landside slope of the levee looking upstream.	
pkazi_f_20131001_141.jpg	



Levee Mile Report Line	115
Start Levee Mile	9.48
End Levee Mile	9.48
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion caused by runoff on the landside of the levee looking downstream.	
pkazi_f_20131001_142.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	116
Start Levee Mile	9.49
End Levee Mile	9.49
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was repaired by the LMA on the landside slope of the levee looking upstream.	
pkazi_f_20131028_013.JPG	



Levee Mile Report Line	117
Start Levee Mile	9.52
End Levee Mile	9.52
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131001_118.jpg	



Levee Mile Report Line	119
Start Levee Mile	9.56
End Levee Mile	9.56
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was repaired by the LMA on the waterside slope of the levee looking downstream. The picture was taken during fall 2013 inspection.	
pkazi_f_20131028_014.JPG	



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LS : Land Side
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CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	120
Start Levee Mile	9.75
End Levee Mile	9.75
Location	Water Side
Category	Earthen Levee
Item	Encroachments

An open pipe was found on the waterside of the levee looking downstream.

pkazi\_f\_20131001\_119.jpg



Levee Mile Report Line	122
Start Levee Mile	10.23
End Levee Mile	10.45
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fence was found on the landside toe of the levee looking upstream.

pkazi\_f\_20131001\_147.JPG



Levee Mile Report Line	124
Start Levee Mile	11.47
End Levee Mile	11.64
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of a fence at the landward toe looking upstream.

pkazi\_f\_20131001\_202.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	126
Start Levee Mile	12.41
End Levee Mile	12.41
Location	Land Side
Category	Earthen Levee
Item	Encroachments
The ditch was repaired by the LMA on the landside toe of the levee looking upstream.	
pkazi_f_20131028_015.JPG	



Levee Mile Report Line	128
Start Levee Mile	12.49
End Levee Mile	12.49
Location	Land Side
Category	Earthen Levee
Item	Encroachments
An agricultural ditch was found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_125.jpg	



Levee Mile Report Line	129
Start Levee Mile	12.60
End Levee Mile	12.74
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside of the levee looking upstream.	
pkazi_f_20131001_122.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	130
Start Levee Mile	12.77
End Levee Mile	13.06
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was located on the landside toe of the levee looking upstream.	
pkazi_f_20131001_123.jpg	



Levee Mile Report Line	133
Start Levee Mile	13.54
End Levee Mile	13.54
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Cacti was found on the landside of the levee looking upstream.	
pkazi_f_20131001_128.jpg	



Levee Mile Report Line	134
Start Levee Mile	13.82
End Levee Mile	13.82
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
View of a slope instability on the landside of the levee looking upstream.	
pkazi_f_20131112_044.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	136
Start Levee Mile	13.94
End Levee Mile	13.94
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside toe of the levee looking upstream.	
pkazi_f_20131112_045.JPG	



Levee Mile Report Line	137
Start Levee Mile	14.09
End Levee Mile	14.09
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the landside toe of the levee looking upstream.	
pkazi_f_20131112_046.JPG	



Levee Mile Report Line	141
Start Levee Mile	15.20
End Levee Mile	15.20
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside toe of the levee. The picture was taken from the opposite side of the levee.	
pkazi_f_20131001_139.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 08 Bear Creek	Left	16.47	10/15/2013 11/08/2013	Pavel Kazi

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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 09 Paddy Creek			Left	1.54
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/17/2013 - 05/17/2013		11/08/2013 - 11/08/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	
	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	

**Summer & Winter Inspections**

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- b) any changes other than the results of normal maintenance
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
1	0.02	0.55	Earthen Levee	Encroachments	LS En	M	FE : Fence Inspector Comments: Barbed wire fence within 10 feet of the landward toe.			38.093278 ° -121.176164 °	38.094859 ° -121.167053 ° Y
2	0.19	0.19	Earthen Levee	Vegetation	WS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.			38.094251 ° -121.173541 °	38.094251 ° -121.173541 ° Y
3	1.00	1.00	Earthen Levee	Encroachments	LS Ma	C	DE : Debris			38.094279 ° -121.159106 °	38.094279 ° -121.159106 °
4	1.20	1.44	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.094383 ° -121.155354 °	38.094073 ° -121.151138 ° Y
											DWR ID: DWR_NA0017_09_s_2012_4

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 09 Paddy Creek	Left	1.54	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.55
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fences were found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_203.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.19
End Levee Mile	0.19
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the waterside slope of the levee looking upstream.	
pkazi_f_20131111_035.JPG	



Levee Mile Report Line	4
Start Levee Mile	1.20
End Levee Mile	1.44
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_204.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 10 Paddy Creek			Right	1.42
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/17/2013 - 05/17/2013		11/08/2013 - 11/08/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek								Right	1.42	11/08/2013 11/08/2013	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
1	0.35	1.32	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.095021 ° -121.168428 °	38.094321 ° -121.151156 °	3 Y	DWR ID: DWR_NA0017_10_s_2012_3
2	0.39	0.39	Earthen Levee	Vegetation	WS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.095080 ° -121.167756 °	38.095080 ° -121.167756 °	1 Y	DWR ID: DWR_NA0017_10_f_2013_1
3	0.42	0.42	Earthen Levee	Encroachments	WS En	M	PI : Pipe Inspector Comments: Pipe penetrating under the levee crown.	38.095145 ° -121.167269 °	38.095145 ° -121.167269 °	8 Y	DWR ID: DWR_NA0017_10_s_2012_8
4	0.46	0.92	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.095275 ° -121.166492 °	38.094643 ° -121.158327 °	2 Y	DWR ID: DWR_NA0017_10_s_2012_2
5	0.71	0.97	Earthen Levee	Encroachments	LS En	M	DT : Ditch	38.094606 ° -121.162138 °	38.094708 ° -121.157569 °	7 Y	DWR ID: DWR_NA0017_10_s_2012_7
6	0.87	0.87	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Several large holes in the waterward berm.	38.094671 ° -121.159286 °	38.094671 ° -121.159286 °	5 Y	DWR ID: DWR_NA0017_10_s_2012_5

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.35
End Levee Mile	1.32
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking downstream.	pkazi_f_20131001_206.jpg



Levee Mile Report Line	2
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the waterside slope of the levee looking downstream.	pkazi_f_20131111_036.JPG



Levee Mile Report Line	3
Start Levee Mile	0.42
End Levee Mile	0.42
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pipe penetration was found under the crown of the levee looking downstream.	pkazi_f_20131001_211.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.46
End Levee Mile	0.92
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fences were found on the landside of the levee looking downstream.	pkazi_f_20131001_205.jpg



04/24/2012

Levee Mile Report Line	5
Start Levee Mile	0.71
End Levee Mile	0.97
Location	Land Side
Category	Earthen Levee
Item	Encroachments
An agricultural ditch was found on the landside of the levee looking downstream.	pkazi_f_20131001_209.jpg



04/24/2012

Levee Mile Report Line	5
Start Levee Mile	0.71
End Levee Mile	0.97
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the agricultural ditch on the landside of the levee looking downstream.	pkazi_f_20131001_210.JPG



05/17/2013

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 10 Paddy Creek	Right	1.42	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Water Side
Category	Earthen Levee
Item	Animal Control
View of rodent holes in the waterward berm from the channel.	
pkazi_f_20131001_207.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Erosion above the pilot channel was located but it didn't look like rodent holes. The picture was taken from the toe at the waterside of the levee looking towards the crown.	
pkazi_f_20131001_208.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 11 North Paddy Creek			Right	3.56
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/17/2013 - 05/17/2013		11/08/2013 - 11/08/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
1	0.17	0.49	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.097243 °	38.101853 °	2	
								-121.169258 °	-121.168563 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_2			
2	0.17	0.41	Earthen Levee	Encroachments	LS En	M	CR : Crops	38.097342 °	38.100685 °	3	
							Inspector Comments: Newly planted trees within 10' from landside toe	-121.169262 °	-121.169112 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_3			
3	1.07	1.14	Earthen Levee	Encroachments	LS En	U	DT : Ditch	38.109070 °	38.109595 °	206	
							Inspector Comments: A notice of violation was issued to the owner for this ditch during fall 2011 inspection.	-121.165992 °	-121.164954 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_206			
4	2.03	2.23	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.116984 °	38.118019 °	7	
								-121.154293 °	-121.150827 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_7			
5	2.25	2.42	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.118090 °	38.119080 °	5	
							Inspector Comments: Barbed wire fence within 10' of the landward toe.	-121.150612 °	-121.148152 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_5			
6	2.40	2.40	Earthen Levee	Encroachments	LS En	M	TA : Tank	38.118902 °	38.118902 °	8	
								-121.148408 °	-121.148408 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_8			
7	2.90	3.14	Earthen Levee	Encroachments	LS En	M	DT : Ditch	38.124677 °	38.127095 °	4	
								-121.144272 °	-121.142371 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_4			
8	2.97	2.97	Earthen Levee	Encroachments	LS En	M	DT : Ditch	38.125636 °	38.125636 °	16	
							Inspector Comments: A detention pond was dug by the farmer next to the toe of the levee. It appears that it may interfere with the levee prism.	-121.144298 °	-121.144298 °	Y	
								DWR ID: DWR_NA0017_11_f_2012_16			
9	3.05	3.54	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.126664 °	38.131522 °	1	
								-121.144080 °	-121.138843 °	Y	
								DWR ID: DWR_NA0017_11_s_2012_1			
10	3.38	3.38	Earthen Levee	Encroachments	LS Ma	C	DE : Debris	38.129366 °	38.129366 °	6	
								-121.139423 °	-121.139423 °		
								DWR ID: DWR_NA0017_11_s_2012_6			

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.17
End Levee Mile	0.49
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence located from LM 0.17 to LM 0.49 and crops located from LM 0.17 to LM 0.41 within 10' from landside toe of levee.	pkazi_f_20131001_213.JPG



Levee Mile Report Line	2
Start Levee Mile	0.17
End Levee Mile	0.41
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Crops were found on the landside toe of the levee looking downstream.	pkazi_f_20131001_214.JPG



Levee Mile Report Line	3
Start Levee Mile	1.07
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the ditch on the landside of the levee looking upstream. The picture was taken during fall 2011 inspection.	pkazi_f_20131001_220.jpg



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+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	1.07
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the ditch on the landside of the levee looking downstream. The picture was taken during fall 2011 inspection.	
pkazi_f_20131001_221.jpg	

Levee Mile Report Line	3
Start Levee Mile	1.07
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
This notice of violation was given to the property owner who constructed the ditch.	
pkazi_f_20131001_222.jpg	

Levee Mile Report Line	3
Start Levee Mile	1.07
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the ditch on the landside of the levee. The picture was taken during fall 2013 inspection looking upstream.	
pkazi_f_20131111_042.JPG	



State of California	DEPARTMENT OF WATER RESOURCES Division of Flood Management/Flood Project Inspection Section	The Resources Agency
<b>NOTICE OF VIOLATION</b>		
DATE: 11/4/2011	LOCATION: NORTH PADDY CREEK	LANDOWNER/CONTRACTOR: Frank Shaws Shaws Dairy
A Department of Water Resources' Inspector has found you in violation of Title 23 of the California Code of Regulations which protects floodways and flood control structures.		
TYPE OF VIOLATION		
1. <input checked="" type="checkbox"/> UNAUTHORIZED ENCROACHMENT 2. <input type="checkbox"/> UNAUTHORIZED SPOIL OR WASTE 3. <input type="checkbox"/> UNAUTHORIZED WORK		
4. <input type="checkbox"/> IMPROPER MAINTENANCE 5. <input type="checkbox"/> OTHER _____		
REQUESTED CORRECTION: Repair the ditch at the landside toe of the levee. The ditch is approximately 10 feet in width from the toe of the levee likely to cause significant levee stability issue.		
Corrective action must be taken no later than _____. If you have questions about this notice, please contact the inspector listed below. If corrective action is not taken, the Department may request that enforcement action be taken against you.		
Received By: <u>Frank Shaws</u>		



* Location LS : Land Side WS : Water Side CR : Crown
---

** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable
---

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
---

+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	1.07
End Levee Mile	1.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the ditch on the landside of the levee during fall 2013 inspection looking downstream.	
pkazi_f_20131111_043.JPG	



Levee Mile Report Line	4
Start Levee Mile	2.03
End Levee Mile	2.23
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside slope of the levee looking downstream.	
pkazi_f_20131111_041.JPG	



Levee Mile Report Line	5
Start Levee Mile	2.25
End Levee Mile	2.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A fence was found on the landside toe of the levee looking downstream.	
pkazi_f_20131001_216.jpg	



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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	2.40
End Levee Mile	2.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A tank and debris was found on the landside of the levee looking downstream.	
pkazi_f_20131001_218.jpg	



04/25/2012

Levee Mile Report Line	7
Start Levee Mile	2.90
End Levee Mile	3.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A ditch was found on the landside of the levee looking downstream.	
pkazi_f_20131001_215.jpg	



Levee Mile Report Line	8
Start Levee Mile	2.97
End Levee Mile	2.97
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A detention pond was found next the landside toe of the levee. The pond had approximately depth of 15 feet. The picture was taken from the crown looking towards the toe of the levee.	
pkazi_f_20131001_219.jpg	



11/09/2012

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CR : Crown

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 11 North Paddy Creek	Right	3.56	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	3.05
End Levee Mile	3.54
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside slope of the levee looking downstream.	pkazi_f_20131001_212.JPG



\* Location  
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+ Issue Type  
Ma : Maintenance Deficiency  
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 12 North Paddy Creek			Left	3.53
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/17/2013 - 05/17/2013		11/08/2013 - 11/08/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

**<http://cdec.water.ca.gov/lma.html>**

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 12 North Paddy Creek							Left	3.53	11/08/2013 11/08/2013	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
1	0.01	0.66	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.095226 ° -121.168822 °	38.103637 ° -121.165796 ° Y
										DWR ID: DWR_NA0017_12_s_2012_1	
2	0.48	0.59	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.101926 ° -121.167822 °	38.102616 ° -121.166169 ° Y
										DWR ID: DWR_NA0017_12_f_2013_4	
3	0.59	1.30	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.102617 ° -121.166169 °	38.109301 ° -121.160586 ° Y
										DWR ID: DWR_NA0017_12_s_2012_3	
4	0.93	1.03	Earthen Levee	Encroachments	LS En	M	DT : Ditch			38.107523 ° -121.165785 °	38.108964 ° -121.165448 °
										DWR ID: DWR_NA0017_12_s_2012_6	
5	1.38	1.51	Earthen Levee	Encroachments	LS En	M	FE : Fence			38.110609 ° -121.160047 °	38.111920 ° -121.158684 °
										DWR ID: DWR_NA0017_12_s_2012_2	
6	1.81	1.81	Earthen Levee	Encroachments	LS En	M	EQ : Equipment			38.114636 ° -121.155564 °	38.114636 ° -121.155564 ° Y
										DWR ID: DWR_NA0017_12_s_2012_108	
7	1.85	1.85	Earthen Levee	Encroachments	LS En	M	DE : Debris			38.115077 ° -121.155101 °	38.115077 ° -121.155101 ° Y
										DWR ID: DWR_NA0017_12_s_2012_18	
8	1.91	1.91	Earthen Levee	Encroachments	LS En	M	DT : Ditch			38.115993 ° -121.154539 °	38.115993 ° -121.154539 ° Y
										DWR ID: DWR_NA0017_12_s_2012_109	
9	2.37	2.43	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			38.118957 ° -121.147865 °	38.119761 ° -121.147461 ° Y
										DWR ID: DWR_NA0017_12_s_2012_8	
10	3.16	3.16	Earthen Levee	Erosion / Bank Caving	WSA/W En	E2	Schedule repair of erosion site prior to the next inspection.			38.127388 ° -121.141197 °	38.127388 ° -121.141197 ° Y
										DWR ID: DWR_NA0017_12_s_2012_12	
11	3.28	3.28	Earthen Levee	Slope Stability	WSA/W Ob	S1	Repair slope instability.			38.128445 ° -121.139594 °	38.128445 ° -121.139594 ° Y
										DWR ID: DWR_NA0017_12_f_2012_23	
12	3.29	3.34	Earthen Levee	Encroachments	WS Ma	C	DE : Debris			38.128634 ° -121.139344 °	38.129167 ° -121.138977 °
										DWR ID: DWR_NA0017_12_s_2012_13	
13	3.39	3.39	Earthen Levee	Encroachments	WS Ma	M	EQ : Equipment			38.130018 ° -121.139019 °	38.130018 ° -121.139019 ° Y
										DWR ID: DWR_NA0017_12_s_2012_113	
14	3.48	3.48	Earthen Levee	Erosion / Bank Caving	WSA/W Ob	E2	Schedule repair of erosion site prior to the next inspection.			38.131140 ° -121.138541 °	38.131140 ° -121.138541 ° Y
										DWR ID: DWR_NA0017_12_f_2012_24	
15	3.51	3.51	Earthen Levee	Encroachments	WS En	M	PI : Pipe			38.131490 ° -121.138476 °	38.131490 ° -121.138476 ° Y
										DWR ID: DWR_NA0017_12_s_2012_17	

* Location
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WS : Water Side
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+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek					Left	3.53	11/08/2013 11/08/2013	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
16	3.53	3.92	Earthen Levee	Encroachments	CR En	U	FE : Fence Inspector Comments: Farmer has moved fence to water shoulder of access road in high ground area of the unit. The fence is blocking access and the gate is locked with farmer's lock. Unable to access, inspect or patrol this portion of the unit.	38.134740 ° -121.133335 °	38.134740 ° -121.133335 °	10 Y

DWR ID: DWR\_NA0017\_12\_s\_2012\_10

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	pkazi_f_20131001_223.JPG



Levee Mile Report Line	2
Start Levee Mile	0.48
End Levee Mile	0.59
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	pkazi_f_20131111_037.JPG



Levee Mile Report Line	3
Start Levee Mile	0.59
End Levee Mile	1.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was located on the landside toe of the levee looking upstream.	pkazi_f_20131001_224.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	1.81
End Levee Mile	1.81
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipment was found on the landside of the levee looking upstream.	
pkazi_f_20131001_234.jpg	



Levee Mile Report Line	7
Start Levee Mile	1.85
End Levee Mile	1.85
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of tires on the landward portion of the levee looking upstream.	
pkazi_f_20131001_230.jpg	



Levee Mile Report Line	8
Start Levee Mile	1.91
End Levee Mile	1.91
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A ditch was located on the landside toe of the levee looking upstream.	
pkazi_f_20131001_235.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	2.37
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Trees and landscaping was found on the landside of the levee looking upstream.	
pkazi_f_20131001_225.jpg	



Levee Mile Report Line	10
Start Levee Mile	3.16
End Levee Mile	3.16
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_227.jpg	



Levee Mile Report Line	11
Start Levee Mile	3.28
End Levee Mile	3.28
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_231.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	3.28
End Levee Mile	3.28
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability on the waterside of the levee. The picture was taken during fall 2013 inspection looking downstream.	
pkazi_f_20131111_038.JPG	



Levee Mile Report Line	13
Start Levee Mile	3.39
End Levee Mile	3.39
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Farming equipment was found on the waterside of the levee looking upstream.	
pkazi_f_20131001_236.jpg	



Levee Mile Report Line	14
Start Levee Mile	3.48
End Levee Mile	3.48
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_232.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 12 North Paddy Creek	Left	3.53	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	14
Start Levee Mile	3.48
End Levee Mile	3.48
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_233.JPG	



Levee Mile Report Line	15
Start Levee Mile	3.51
End Levee Mile	3.51
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A native running pipe was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_229.jpg	



Levee Mile Report Line	16
Start Levee Mile	3.53
End Levee Mile	3.92
Location	Crown
Category	Earthen Levee
Item	Encroachments
Fence along waterward shoulder and crown of access road. The road cannot be driven through as the fence blocks access. The gate does not have a county key on the gate.	
pkazi_f_20131001_226.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 13 Middle Paddy Creek			Left	1.40
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/17/2013 - 05/17/2013		11/08/2013 - 11/08/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
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If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

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If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek						Left	1.40	11/08/2013 11/08/2013	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.00	1.38	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.109328 °	38.110833 °	3
								-121.159539 °	-121.138757 °	Y
								DWR ID: DWR_NA0017_13_s_2012_3		
2	0.10	0.10	Earthen Levee	Vegetation	WS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.	38.109425 °	38.109425 °	1
								-121.158739 °	-121.158739 °	Y
								DWR ID: DWR_NA0017_13_f_2013_1		
3	0.39	0.39	Earthen Levee	Encroachments	LS En	M	TA : Tank	38.109580 °	38.109580 °	2
								-121.153445 °	-121.153445 °	Y
								DWR ID: DWR_NA0017_13_s_2012_2		

* Location
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.40	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	1.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was located on the landside of the levee looking upstream.	pkazi_f_20131001_238.jpg



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	1.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside of the levee looking upstream.	pkazi_f_20131001_239.jpg



Levee Mile Report Line	2
Start Levee Mile	0.10
End Levee Mile	0.10
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of the waterside of the levee looking upstream.	pkazi_f_20131111_039.JPG



* Location
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CR : Crown

** Rating
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 13 Middle Paddy Creek	Left	1.40	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	0.39
End Levee Mile	0.39
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a tub/tank on the landward slope blocking access and visibility looking upstream.	
pkazi_f_20131001_237.jpg	



* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 14 Middle Paddy Creek			Right	1.40
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/17/2013 - 05/17/2013		11/08/2013 - 11/08/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

**<http://cdec.water.ca.gov/lma.html>**

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
1	0.02	0.55	Earthen Levee	Encroachments	LS En	M	FE : Fence	38.109670 °	38.111263 °	6	
								-121.159889 °	-121.151091 °	Y	
								DWR ID: DWR_NA0017_14_s_2012_6			
2	0.43	0.43	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.110031 °	38.110031 °	8	
								-121.152630 °	-121.152630 °	Y	
								DWR ID: DWR_NA0017_14_f_2013_8			
3	0.57	0.57	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	M	C2 : Repair depressions or ruts in the crown or slope.	38.111490 °	38.111490 °	7	
								-121.150762 °	-121.150762 °	Y	
								DWR ID: DWR_NA0017_14_s_2013_7			
4	0.61	0.61	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.111770 °	38.111770 °	5	
								-121.150112 °	-121.150112 °	Y	
								DWR ID: DWR_NA0017_14_s_2012_5			
5	0.61	0.61	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E1 : Note and monitor erosion site.	38.111774 °	38.111774 °	4	
								-121.150073 °	-121.150073 °	Y	
								DWR ID: DWR_NA0017_14_s_2012_4			
6	0.65	0.65	Earthen Levee	Animal Control	WS Ma	M	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.112050 °	38.112050 °	1	
								-121.149524 °	-121.149524 °	Y	
								DWR ID: DWR_NA0017_14_s_2012_1			
7	0.73	0.73	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.111851 °	38.111851 °	3	
								-121.148358 °	-121.148358 °	Y	
								DWR ID: DWR_NA0017_14_s_2012_3			
8	0.83	0.83	Earthen Levee	Animal Control	WS Ma	M	A1 : Exterminate rodents and backfill and compact or grout burrows.	38.110628 °	38.110628 °	2	
								-121.147429 °	-121.147429 °	Y	
								DWR ID: DWR_NA0017_14_s_2012_2			

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.02
End Levee Mile	0.55
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside of the levee looking downstream.	pkazi_f_20131001_246.jpg



Levee Mile Report Line	2
Start Levee Mile	0.43
End Levee Mile	0.43
Location	Water Side
Category	Earthen Levee
Item	Animal Control
View of a rodent hole on the waterside shoulder of the levee looking upstream.	pkazi_f_20131111_040.JPG



Levee Mile Report Line	3
Start Levee Mile	0.57
End Levee Mile	0.57
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Crown depression was found looking upstream.	pkazi_f_20131001_247.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.61
End Levee Mile	0.61
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the waterside of the levee looking upstream.	
pkazi_f_20131001_245.jpg	



04/24/2012

Levee Mile Report Line	5
Start Levee Mile	0.61
End Levee Mile	0.61
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside of the levee.	
pkazi_f_20131001_243.jpg	



04/24/2012

Levee Mile Report Line	5
Start Levee Mile	0.61
End Levee Mile	0.61
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside of the levee looking upstream. This picture was taken during spring 2012 inspection.	
pkazi_f_20131001_244.jpg	



04/24/2012

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CR : Crown

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 14 Middle Paddy Creek	Right	1.40	11/08/2013 11/08/2013	Pavel Kazi

Levee Mile Report Line	6
Start Levee Mile	0.65
End Levee Mile	0.65
Location	Water Side
Category	Earthen Levee
Item	Animal Control
View of rodent holes in the waterward berm looking downstream.	
<i>pkazi_f_20131001_240.jpg</i>	



Levee Mile Report Line	7
Start Levee Mile	0.73
End Levee Mile	0.73
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Rodent hole was found on the waterside shoulder of the levee looking upstream.	
<i>pkazi_f_20131001_242.jpg</i>	



Levee Mile Report Line	8
Start Levee Mile	0.83
End Levee Mile	0.83
Location	Water Side
Category	Earthen Levee
Item	Animal Control
View of a large diameter rodent hole in the waterward berm looking downstream.	
<i>pkazi_f_20131001_241.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 15 Mormon Slough			Right	25.62
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	04/30/2013 - 05/02/2013		11/12/2013 - 11/19/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jim Caruso SJFC&WCD		Jim Caruso SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No.	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo	
	Start	End						Start	End			
1	0.27	1.61	Earthen Levee	Encroachments	CR A/W En	MA : Material Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."		38.049658 °	38.040100 °	141	DWR ID: DWR_NA0017_15_s_2012_141	
								-121.014806 °	-121.034319 °			
2	0.29	0.29	Earthen Levee	Slope Stability	LS C Ma	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.		38.049528 °	38.049528 °	13	DWR ID: DWR_NA0017_15_s_2012_13	
								-121.014963 °	-121.014963 °			
3	0.37	0.64	Earthen Levee	Encroachments	WS M En	FE : Fence		38.049552 °	38.047016 °	1	DWR ID: DWR_NA0017_15_s_2012_1	
								-121.014926 °	-121.020586 °	Y		
4	0.41	1.32	Supplemental DWR Erosion Survey		WS M Ma	Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site has been revisited. No significant changes observed. 09/02/2011: No significant changes observed on site. 11/02/2010: No significant changes observed. The mile-long erosion continues to degrade the bank. There are a few trees along the mile-long stretch on the lower bank slope that are affected by the scarp. WS Levee Slope was changed to 2:1. As a result, normalized score increased from 62 to 65. 08/05/2010: Recommended for waterside repair, per CLRO; "water velocity is a major factor for accelerating bank slope erosion." 8/12/2009: Near-vertical bank erosion; degrading channel is incising the banks; recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; district is monitoring site for changes in condition; site was previously rated "U". 2007: Visited site 02/06/2007; possible critical site. [2013 Site ID:NA0017U15RM22.91]			38.045818 °	38.045818 °	7	DWR ID:
								-121.023955 °	-121.023955 °	Y		
5	0.87	0.87	Earthen Levee	Slope Stability	WS M Ma	S1 : Repair slope instability.		38.045390 °	38.045390 °	4	DWR ID: DWR_NA0017_15_f_2013_4	
								-121.024111 °	-121.024111 °	Y		
6	1.47	1.47	Earthen Levee	Trim / Thin Trees	LS N Ma	T5 : Tree stumps.		38.040188 °	38.040188 °	1128	DWR ID: DWR_NA0017_15_s_2012_1128	
								-121.031854 °	-121.031854 °			
7	1.50	1.50	Earthen Levee	Encroachments	LS C Ma	ST : Stairway		38.040210 °	38.040210 °	2	DWR ID: DWR_NA0017_15_s_2013_2	
								-121.032599 °	-121.032599 °			
8	1.52	1.52	Earthen Levee	Erosion / Bank Caving	WS M Ma	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: The LMA was working on fixing the erosion site using an excavator during the inspection.		38.040202 °	38.040202 °	995	DWR ID: DWR_NA0017_15_s_2012_995	
								-121.032659 °	-121.032659 °	Y		
9	1.97	1.97	Earthen Levee	Slope Stability	LS C Ma	S1 : Repair slope instability.		38.037679 °	38.037679 °	8	DWR ID: DWR_NA0017_15_s_2013_8	
								-121.039979 °	-121.039979 °			

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector		
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.			
	Start	End						Start	End				
10	2.09	2.09	Earthen Levee	Encroachments	WS	M	PI : Pipe Ma Inspector Comments: Abandon pipe on the waterside toe of the levee.	38.036299 °	38.036299 °	5	-121.041091 °	-121.041091 °	Y
												DWR ID: DWR_NA0017_15_f_2012_5	
11	2.09	2.09	Earthen Levee	Slope Stability	WS	M	S1 : Repair slope instability. Ma	38.036294 °	38.036294 °	18	-121.041089 °	-121.041089 °	Y
												DWR ID: DWR_NA0017_15_s_2012_18	
12	2.42	2.57	Earthen Levee	Encroachments	LS	M	AT : Agricultural tilling En Inspector Comments: Farmer discing immediately adjacent to the crown roadway.	38.032924 °	38.031417 °	36	-121.045182 °	-121.047076 °	Y
												DWR ID: DWR_NA0017_15_s_2012_36	
13	2.43	2.43	Earthen Levee	Encroachments	LS	M	EQ : Equipment En	38.032807 °	38.032807 °	35	-121.045377 °	-121.045377 °	Y
												DWR ID: DWR_NA0017_15_s_2012_35	
14	2.59	2.59	Earthen Levee	Slope Stability	LS	M	S1 : Repair slope instability. Ma	38.031234 °	38.031234 °	47	-121.047254 °	-121.047254 °	Y
												DWR ID: DWR_NA0017_15_s_2012_47	
15	2.68	2.68	Earthen Levee	Slope Stability	LS	M	S1 : Repair slope instability. Ma	38.030252 °	38.030252 °	27	-121.048311 °	-121.048311 °	Y
												DWR ID: DWR_NA0017_15_s_2012_27	
16	2.68	2.71	Earthen Levee	Encroachments	LS	M	BU : Building En Inspector Comments: Retaining wall at toe of slope & irrigation recently placed.	38.030173 °	38.029949 °	66	-121.048432 °	-121.048732 °	Y
												DWR ID: DWR_NA0017_15_s_2012_66	
17	2.73	2.73	Earthen Levee	Vegetation	LS	M	V6 : Landscaping En	38.030185 °	38.030185 °	3	-121.049397 °	-121.049397 °	Y
												DWR ID: DWR_NA0017_15_s_2012_3	
18	2.74	2.75	Earthen Levee	Encroachments	LS	M	BU : Building En Inspector Comments: Retaining wall at landside toe of levee.	38.029641 °	38.029505 °	959	-121.049165 °	-121.049372 °	Y
												DWR ID: DWR_NA0017_15_s_2012_959	
19	3.08	3.08	Earthen Levee	Encroachments	LS	M	PR : Prunings Ma	38.026804 °	38.026804 °	6	-121.054041 °	-121.054041 °	Y
												DWR ID: DWR_NA0017_15_f_2013_6	
20	3.10	3.14	Earthen Levee	Slope Stability	LS	C	S1 : Repair slope instability. Ma Inspector Comments: Farmers are replacing pump, therefore, landside of the levee has uneven slope in the area.	38.026603 °	38.026225 °	49	-121.054303 °	-121.054767 °	
												DWR ID: DWR_NA0017_15_s_2012_49	
21	3.13	3.13	Earthen Levee	Encroachments	LS	C	DE : Debris Ma	38.026331 °	38.026331 °	64	-121.054644 °	-121.054644 °	
												DWR ID: DWR_NA0017_15_s_2012_64	
22	3.22	3.22	Earthen Levee	Trim / Thin Trees	LS	M	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight. Ma	38.025391 °	38.025391 °	10	-121.055826 °	-121.055826 °	Y
												DWR ID: DWR_NA0017_15_s_2013_10	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
LMR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo
	Levee Mile	End						Start	End		
23	3.40	3.40	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.023817 °	38.023817 °	12	DWR ID: DWR_NA0017_15_s_2012_12
24	3.50	3.50	Earthen Levee	Trim / Thin Trees	LS Ma	M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	38.022901 °	38.022901 °	11	-121.059785 ° -121.059785 ° DWR ID: DWR_NA0017_15_s_2013_11
25	3.61	3.61	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings Inspector Comments: The pit is repaired by the LMA but the pruning still exist.	38.021811 °	38.021811 °	14	-121.061054 ° -121.061054 ° Y DWR ID: DWR_NA0017_15_s_2013_14
26	3.62	3.62	Earthen Levee	Encroachments	WS Ma	M	PI : Pipe Inspector Comments: A recently placed pipe in the waterward slope may be leaking and was not authorized.	38.021601 °	38.021601 °	54	-121.061284 ° -121.061284 ° Y DWR ID: DWR_NA0017_15_s_2012_54
27	3.64	3.64	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.021468 °	38.021468 °	17	-121.061442 ° -121.061442 ° Y DWR ID: DWR_NA0017_15_f_2013_17
28	3.81	3.81	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.019623 °	38.019623 °	42	-121.063492 ° -121.063492 ° Y DWR ID: DWR_NA0017_15_f_2012_42
29	3.86	3.86	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.	38.019119 °	38.019119 °	43	-121.064034 ° -121.064034 ° Y DWR ID: DWR_NA0017_15_f_2012_43
30	3.89	3.89	Earthen Levee	Slope Stability	WS Ma	C	S1 : Repair slope instability.	38.018792 °	38.018792 °	23	-121.064384 ° -121.064384 ° DWR ID: DWR_NA0017_15_s_2013_23
31	3.97	3.97	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.	38.017945 °	38.017945 °	44	-121.065295 ° -121.065295 ° Y DWR ID: DWR_NA0017_15_f_2012_44
32	4.13	4.15	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	38.016209 °	38.015833 °	16	-121.067111 ° -121.067185 ° Y DWR ID: DWR_NA0017_15_s_2012_16
33	4.21	4.21	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.015042 °	38.015042 °	28	-121.067455 ° -121.067455 ° Y DWR ID: DWR_NA0017_15_f_2013_28
34	4.29	4.29	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.014025 °	38.014025 °	19	-121.067983 ° -121.067983 ° Y DWR ID: DWR_NA0017_15_s_2012_19
35	4.41	4.41	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.	38.012471 °	38.012471 °	33	-121.068662 ° -121.068662 ° Y DWR ID: DWR_NA0017_15_f_2013_33
36	4.43	4.43	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Picture was taken from other side of the levee.	38.012592 °	38.012592 °	126	-121.068092 ° -121.068092 ° DWR ID: DWR_NA0017_15_s_2013_126

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
L/MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
37	4.44	4.44	Earthen Levee	Animal Control	WS U Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Picture was taken from the other side of the levee.	38.012910 ° -121.067996 °	38.012910 ° -121.067996 °	124 Y	DWR ID: DWR_NA0017_15_s_2013_124	
38	4.65	6.65	Earthen Levee	Slope Stability	WS C Ma	S1 : Repair slope instability. Inspector Comments: Picture was taken from the opposite side of the levee.	38.009691 ° -121.069050 °	38.009691 ° -121.069050 °	130	DWR ID: DWR_NA0017_15_s_2013_130	
39	4.73	4.73	Earthen Levee	Erosion / Bank Caving	WS M Ma	E1 : Note and monitor erosion site. Inspector Comments: LMA has fixed the issue but the riprap has rebar which would can be dangerous during the flood fighting efforts.	38.008053 ° -121.070141 °	38.008053 ° -121.070141 °	96 Y	DWR ID: DWR_NA0017_15_s_2012_96	
40	4.80	4.80	Earthen Levee	Encroachments	WS M DE En	DE : Debris	38.007020 ° -121.070473 °	38.007020 ° -121.070473 °	100 Y	DWR ID: DWR_NA0017_15_s_2012_100	
41	4.96	4.96	Earthen Levee	Encroachments	LS M EQ En	EQ : Equipment	38.005302 ° -121.071867 °	38.005302 ° -121.071867 °	20 Y	DWR ID: DWR_NA0017_15_s_2012_20	
42	4.96	4.96	Earthen Levee	Encroachments	WS M EQ En	EQ : Equipment	38.005300 ° -121.071863 °	38.005300 ° -121.071863 °	21 Y	DWR ID: DWR_NA0017_15_s_2012_21	
43	4.97	4.97	Earthen Levee	Encroachments	WS M PR En	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.005040 ° -121.071886 °	38.005040 ° -121.071886 °	74 Y	DWR ID: DWR_NA0017_15_s_2012_74	
44	5.14	5.14	Earthen Levee	Slope Stability	WS M Ma	S1 : Repair slope instability.	38.003021 ° -121.073658 °	38.003021 ° -121.073658 °	1009 Y	DWR ID: DWR_NA0017_15_s_2012_1009	
45	5.26	11.17	Earthen Levee	Encroachments	CRA/W MA En	MA : Material Inspector Comments: This portion of the unit contains a non-project levee. Accordingly, the only issues rated along this stretch affect access and the ability to inspect the channel. Other issues found have been rated "A/W."	38.001608 ° -121.074935 °	37.961947 ° -121.159963 °	142	DWR ID: DWR_NA0017_15_s_2012_142	
46	5.27	5.27	Earthen Levee	Encroachments	WS C DE Ma	DE : Debris	38.001543 ° -121.075012 °	38.001543 ° -121.075012 °	22	DWR ID: DWR_NA0017_15_s_2012_22	
47	5.31	5.31	Earthen Levee	Encroachments	WS C PR Ma	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.001152 ° -121.075354 °	38.001152 ° -121.075354 °	75	DWR ID: DWR_NA0017_15_s_2012_75	
48	5.37	5.37	Earthen Levee	Encroachments	WS M EQ En	EQ : Equipment	38.000297 ° -121.076113 °	38.000297 ° -121.076113 °	111 Y	DWR ID: DWR_NA0017_15_s_2012_111	
49	5.38	5.45	Earthen Levee	Encroachments	LS M BU En	BU : Building	38.000308 ° -121.076133 °	37.999502 ° -121.076835 °	24 Y	DWR ID: DWR_NA0017_15_s_2012_24	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating	+ Issue Type
A : Acceptable	Ma : Maintenance Deficiency
M : Minimally Acceptable	Ob : Design & System Obsolescence
U : Unacceptable	En : Enforcement

N : Not Inspected/Rated  
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
LMR No.	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start
	Levee Mile End	Category						Location En	Rating Ma	
50	5.42	5.42	Earthen Levee	Vegetation	WS	M	V6 : Landscaping	37.999718 °	37.999718 °	1012
					En			-121.076665 °	-121.076665 °	Y
								DWR ID: DWR_NA0017_15_s_2012_1012		
51	5.60	5.65	Earthen Levee	Encroachments	WS	M	MA : Material	37.997619 °	37.997043 °	1014
					En		Inspector Comments: Walnut piles on waterward shoulder.	-121.078405 °	-121.078972 °	Y
								DWR ID: DWR_NA0017_15_s_2012_1014		
52	5.68	5.68	Earthen Levee	Animal Control	WS	C	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.996665 °	37.996665 °	1015
					Ma			-121.079308 °	-121.079308 °	
								DWR ID: DWR_NA0017_15_s_2012_1015		
53	5.69	5.69	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.996601 °	37.996601 °	26
					Ma			-121.079401 °	-121.079401 °	Y
								DWR ID: DWR_NA0017_15_s_2013_26		
54	5.71	5.71	Earthen Levee	Animal Control	WS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.996356 °	37.996356 °	29
					Ma			-121.079625 °	-121.079625 °	
								DWR ID: DWR_NA0017_15_s_2013_29		
55	5.76	5.86	Earthen Levee	Encroachments	WS	M	DE : Debris	37.995733 °	37.994670 °	25
					En			-121.080102 °	-121.081207 °	Y
								DWR ID: DWR_NA0017_15_s_2012_25		
56	5.77	5.77	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.995679 °	37.995679 °	30
					Ma			-121.080267 °	-121.080267 °	Y
								DWR ID: DWR_NA0017_15_s_2013_30		
57	5.86	5.86	Earthen Levee	Encroachments	WS	M	PR : Prunings	37.994669 °	37.994669 °	31
					En			-121.081245 °	-121.081245 °	Y
								DWR ID: DWR_NA0017_15_s_2013_31		
58	5.86	5.86	Earthen Levee	Animal Control	WS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.994633 °	37.994633 °	39
					Ma			-121.081278 °	-121.081278 °	
								DWR ID: DWR_NA0017_15_s_2013_39		
59	5.91	5.91	Earthen Levee	Animal Control	CR	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.994117 °	37.994117 °	59
					Ma			-121.081633 °	-121.081633 °	Y
								DWR ID: DWR_NA0017_15_f_2013_59		
60	5.92	5.92	Earthen Levee	Animal Control	WS	C	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.993911 °	37.993911 °	82
					Ma			-121.081852 °	-121.081852 °	
								DWR ID: DWR_NA0017_15_s_2012_82		
61	5.95	6.05	Earthen Levee	Encroachments	WS	M	MA : Material	37.993554 °	37.992476 °	84
					En			-121.082192 °	-121.083241 °	Y
								DWR ID: DWR_NA0017_15_s_2012_84		
62	6.12	6.12	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.991648 °	37.991648 °	41
					Ma			-121.083924 °	-121.083924 °	Y
								DWR ID: DWR_NA0017_15_s_2013_41		
63	6.19	6.19	Earthen Levee	Animal Control	WS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.990943 °	37.990943 °	115
					Ma			-121.084573 °	-121.084573 °	
								DWR ID: DWR_NA0017_15_s_2012_115		
64	6.20	6.20	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.990773 °	37.990773 °	116
					Ma			-121.084706 °	-121.084706 °	Y
								DWR ID: DWR_NA0017_15_s_2012_116		

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable
N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
LWR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start
	Levee Mile	Start						Photo	End	
65	6.49	6.49	Earthen Levee	Encroachments	WS Ma	M	PR : Prunings	37.987397 °	37.987397 °	60
							Ma	-121.087775 °	-121.087775 °	
								DWR ID: DWR_NA0017_15_f_2013_60		
66	6.57	6.57	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.986503 °	37.986503 °	67
							Ma	-121.088477 °	-121.088477 °	Y
								DWR ID: DWR_NA0017_15_f_2013_67		
67	6.59	6.59	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings	37.986225 °	37.986225 °	98
							Ma	-121.088704 °	-121.088704 °	Y
								DWR ID: DWR_NA0017_15_f_2012_98		
68	6.61	6.61	Earthen Levee	Animal Control	LS Ma	M	A1 : Exterminate rodents and backfill and compact or grout burrows.	37.986018 °	37.986018 °	90
							Ma	-121.088877 °	-121.088877 °	Y
								DWR ID: DWR_NA0017_15_s_2012_90		
69	6.75	6.88	Earthen Levee	Erosion / Bank Caving	LS Ma	A/W	E1 : Note and monitor erosion site. Inspector Comments: Farmer tilling & driving onto levee, causing erosion.	37.984518 °	37.983260 °	79
							Ma	-121.090267 °	-121.092022 °	
								DWR ID: DWR_NA0017_15_s_2012_79		
70	6.81	6.81	Earthen Levee	Slope Stability	WS Ma	M	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.983773 °	37.983773 °	72
							Ma	-121.091180 °	-121.091180 °	Y
								DWR ID: DWR_NA0017_15_f_2013_72		
71	6.88	6.88	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.983233 °	37.983233 °	50
							Ma	-121.092051 °	-121.092051 °	
								DWR ID: DWR_NA0017_15_s_2013_50		
72	6.89	6.89	Earthen Levee	Encroachments	WS En	M	PR : Prunings	37.983109 °	37.983109 °	91
							En	-121.092251 °	-121.092251 °	Y
								DWR ID: DWR_NA0017_15_s_2012_91		
73	7.09	7.09	Earthen Levee	Encroachments	LS En	M	DT : Ditch	37.981517 °	37.981517 °	51
							En	-121.095061 °	-121.095061 °	Y
								DWR ID: DWR_NA0017_15_s_2013_51		
74	7.13	7.13	Earthen Levee	Slope Stability	WS Ma	C	S1 : Repair slope instability.	37.981168 °	37.981168 °	105
							Ma	-121.095752 °	-121.095752 °	
								DWR ID: DWR_NA0017_15_f_2012_105		
75	7.24	7.24	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.980449 °	37.980449 °	123
							Ma	-121.097432 °	-121.097432 °	
								DWR ID: DWR_NA0017_15_s_2012_123		
76	7.36	7.36	Earthen Levee	Encroachments	WS Ma	M	DE : Debris	37.979612 °	37.979612 °	102
							Ma	-121.099390 °	-121.099390 °	Y
								DWR ID: DWR_NA0017_15_s_2012_102		
77	7.98	7.98	Earthen Levee	Encroachments	LS En	A/W	EQ : Equipment	37.974829 °	37.974829 °	144
							En	-121.108405 °	-121.108405 °	Y
								DWR ID: DWR_NA0017_15_s_2012_144		
78	8.05	8.05	Earthen Levee	Encroachments	WS Ma	C	DE : Debris	37.974345 °	37.974345 °	129
							Ma	-121.109434 °	-121.109434 °	
								DWR ID: DWR_NA0017_15_s_2012_129		
79	8.06	8.06	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.	37.974304 °	37.974304 °	104
							Ma	-121.109625 °	-121.109625 °	Y
								DWR ID: DWR_NA0017_15_s_2012_104		

\* Location  
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CR : Crown

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+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 15 Mormon Slough							Right	25.62	11/12/2013 11/19/2013	Pavel Kazi	
LWR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
80	8.24	8.24	Earthen Levee	Encroachments	LS En	M	PR : Prunings			37.972823 ° -121.112400 °	34 Y DWR ID: DWR_NA0017_15_s_2012_34
81	8.28	8.28	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.972599 ° -121.113022 °	108 Y DWR ID: DWR_NA0017_15_f_2012_108
82	8.29	8.29	Earthen Levee	Animal Control	CR Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.972532 ° -121.113062 °	61 Y DWR ID: DWR_NA0017_15_s_2013_61
83	8.43	8.43	Supplemental DWR Erosion Survey		WS Ma	M	Inspector Comments: 09/12/2013: The erosion has been caused by runoff. [2013 Site ID:NA0017U15RM14.49]			37.969711 ° -121.116739 °	125 Y DWR ID:
84	8.47	8.50	Earthen Levee	Encroachments	LS Ma	M	PR : Prunings			37.970371 ° -121.114559 °	1148 Y DWR ID: DWR_NA0017_15_s_2012_1148
85	8.49	8.49	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.970147 ° -121.114849 °	62 Y DWR ID: DWR_NA0017_15_s_2013_62
86	8.58	8.58	Earthen Levee	Encroachments	LS En	M	PR : Prunings			37.969813 ° -121.116192 °	63 Y DWR ID: DWR_NA0017_15_s_2013_63
87	8.61	8.61	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.			37.969748 ° -121.116767 °	65 Y DWR ID: DWR_NA0017_15_s_2013_65
88	8.64	8.64	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.969670 ° -121.117316 °	120 Y DWR ID: DWR_NA0017_15_f_2012_120
89	8.66	8.66	Earthen Levee	Encroachments	WS En	M	PR : Prunings			37.969611 ° -121.117650 °	982 Y DWR ID: DWR_NA0017_15_s_2012_982
90	8.68	8.70	Earthen Levee	Encroachments	LS En	A/W	EQ : Equipment			37.969550 ° -121.117927 °	37 Y DWR ID: DWR_NA0017_15_s_2012_37
91	8.72	8.72	Earthen Levee	Encroachments	LS En	M	BU : Building			37.969305 ° -121.118664 °	83 Y DWR ID: DWR_NA0017_15_s_2012_83
92	8.80	8.80	Earthen Levee	Encroachments	LS En	A/W	EQ : Equipment			37.969133 ° -121.119957 °	38 Y DWR ID: DWR_NA0017_15_s_2012_38
93	9.59	9.59	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.			37.967155 ° -121.133277 °	121 Y DWR ID: DWR_NA0017_15_f_2012_121
94	9.63	9.63	Earthen Levee	Encroachments	WS En	U	BU : Building			37.967017 ° -121.133863 °	40 Y DWR ID: DWR_NA0017_15_s_2012_40

\* Location  
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A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
LMR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo
	Levee Mile	Unit Miles						Start	End		
95	9.76	9.76	Earthen Levee	Encroachments	WS	U	PI : Pipe En Inspector Comments: A PVC drain pipe is going under the levee crown.	37.966230 °	37.966230 °	136	DWR ID: DWR_NA0017_15_s_2012_136
96	10.01	10.01	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma	37.965314 °	37.965314 °	147	-121.140296 ° -121.140296 ° Y DWR ID: DWR_NA0017_15_s_2012_147
97	10.08	10.08	Earthen Levee	Encroachments	WS	M	DE : Debris Ma	37.965263 °	37.965263 °	73	-121.141524 ° -121.141524 ° Y DWR ID: DWR_NA0017_15_f_2013_73
98	10.11	10.11	Earthen Levee	Slope Stability	WS	M	S1 : Repair slope instability. Ma	37.965165 °	37.965165 °	68	-121.141928 ° -121.141928 ° Y DWR ID: DWR_NA0017_15_s_2013_68
99	10.19	10.19	Earthen Levee	Encroachments	WS	M	DE : Debris Ma	37.965095 °	37.965095 °	69	-121.143411 ° -121.143411 ° Y DWR ID: DWR_NA0017_15_s_2013_69
100	10.35	10.35	Earthen Levee	Encroachments	LS	M	PR : Prunings Ma	37.965055 °	37.965055 °	87	Inspector Comments: Burn pile has been burned but new material has been placed. -121.146293 ° -121.146293 ° DWR ID: DWR_NA0017_15_s_2012_87
101	10.62	10.62	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma	37.964942 °	37.964942 °	78	-121.151073 ° -121.151073 ° Y DWR ID: DWR_NA0017_15_s_2012_78
102	10.76	10.76	Earthen Levee	Encroachments	LS	M	PR : Prunings Ma	37.964562 °	37.964562 °	1028	-121.153542 ° -121.153542 ° Y DWR ID: DWR_NA0017_15_s_2012_1028
103	11.00	11.00	Earthen Levee	Encroachments	LS	M	PR : Prunings Ma	37.963319 °	37.963319 °	106	Inspector Comments: Prunings and ashes pilled at the toe. -121.157557 ° -121.157557 ° DWR ID: DWR_NA0017_15_s_2012_106
104	11.05	11.05	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Ma	37.962984 °	37.962984 °	145	-121.158332 ° -121.158332 ° Y DWR ID: DWR_NA0017_15_f_2012_145
105	11.06	11.06	Earthen Levee	Encroachments	WS	M	PR : Prunings En	37.962885 °	37.962885 °	137	-121.158509 ° -121.158509 ° Y DWR ID: DWR_NA0017_15_s_2012_137
106	11.58	11.58	Earthen Levee	Encroachments	LS	M	EQ : Equipment En	37.960824 °	37.960824 °	150	-121.166996 ° -121.166996 ° Y DWR ID: DWR_NA0017_15_s_2012_150
107	11.61	11.61	Earthen Levee	Vegetation	LS	M	V6 : Landscaping En	37.960762 °	37.960762 °	109	-121.167528 ° -121.167528 ° Y DWR ID: DWR_NA0017_15_s_2012_109
108	11.78	11.78	Concrete Floodwalls	Monolith Joints	WS	C	Ma	37.960948 °	37.960948 °	146	-121.170609 ° -121.170609 ° DWR ID: DWR_NA0017_15_f_2012_146
109	11.82	11.82	Earthen Levee	Vegetation	WSA/W	V8 : Environmental Requirements. En		37.961133 °	37.961133 °	138	-121.171322 ° -121.171322 ° DWR ID: DWR_NA0017_15_s_2012_138

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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
L/MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
110	12.08	12.08	Earthen Levee	Encroachments	LS	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.961901 °	37.961901 °	989	
								-121.175973 °	-121.175973 °	Y	
										DWR ID: DWR_NA0017_15_s_2012_989	
111	12.21	12.21	Earthen Levee	Encroachments	LS	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.961945 °	37.961945 °	45	
								-121.178268 °	-121.178268 °	Y	
										DWR ID: DWR_NA0017_15_s_2012_45	
112	12.82	12.82	Earthen Levee	Encroachments	WS	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	37.961012 °	37.961012 °	46	
								-121.189067 °	-121.189067 °	Y	
										DWR ID: DWR_NA0017_15_s_2012_46	
113	12.99	12.99	Earthen Levee	Encroachments	WS	M	PR : Prunings	37.960718 °	37.960718 °	1152	
								-121.191994 °	-121.191994 °	Y	
										DWR ID: DWR_NA0017_15_s_2012_1152	
114	13.08	13.08	Earthen Levee	Encroachments	WS	M	PR : Prunings	37.960190 °	37.960190 °	152	
								-121.193537 °	-121.193537 °	Y	
										DWR ID: DWR_NA0017_15_s_2012_152	
115	13.14	13.14	Earthen Levee	Animal Control	LS	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.960089 °	37.960089 °	70	
								-121.194535 °	-121.194535 °		
										DWR ID: DWR_NA0017_15_s_2013_70	
116	13.25	13.25	Earthen Levee	Encroachments	LS	M	EQ : Equipment	37.961002 °	37.961002 °	114	
								-121.196155 °	-121.196155 °	Y	
										DWR ID: DWR_NA0017_15_s_2012_114	
117	13.26	13.26	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.961092 °	37.961092 °	76	
								-121.196480 °	-121.196480 °	Y	
										DWR ID: DWR_NA0017_15_f_2013_76	
118	13.58	13.58	Earthen Levee	Encroachments	LS	M	PR : Prunings	37.960527 °	37.960527 °	117	
								-121.201906 °	-121.201906 °	Y	
										DWR ID: DWR_NA0017_15_s_2012_117	
119	14.21	14.21	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.965144 °	37.965144 °	77	
								-121.211600 °	-121.211600 °	Y	
										DWR ID: DWR_NA0017_15_f_2013_77	
120	14.95	15.31	Earthen Levee	Encroachments	LS	M	DT : Ditch	37.970850 °	37.973212 °	1039	
								-121.222724 °	-121.228395 °		
										DWR ID: DWR_NA0017_15_s_2012_1039	
121	15.71	15.71	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.975868 °	37.975868 °	85	
								-121.234860 °	-121.234860 °	Y	
										DWR ID: DWR_NA0017_15_f_2013_85	
122	15.73	15.73	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.976000 °	37.976000 °	71	
								-121.235156 °	-121.235156 °	Y	
										DWR ID: DWR_NA0017_15_s_2013_71	
123	15.75	15.75	Earthen Levee	Slope Stability	LS	C	S1 : Repair slope instability.	37.976160 °	37.976160 °	81	
								-121.235517 °	-121.235517 °		
										DWR ID: DWR_NA0017_15_s_2013_81	
124	16.08	16.08	Concrete Floodwalls	Monolith Joints	WS	M		37.978396 °	37.978396 °	80	
								-121.240769 °	-121.240769 °	Y	
										DWR ID: DWR_NA0017_15_s_2013_80	

\* Location  
LS : Land Side  
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CR : Crown

\*\* Rating

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
L/MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
125	16.09	16.60	Earthen Levee	Encroachments	LS En	M	DT : Ditch			37.978480 ° 37.981949 ° 1045 -121.240909 ° -121.248943 ° Y DWR ID: DWR_NA0017_15_s_2012_1045	
126	16.39	16.39	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside of the levee.			37.980513 ° 37.980513 ° 88 -121.245495 ° -121.245495 ° Y DWR ID: DWR_NA0017_15_f_2013_88	
127	16.52	16.52	Concrete Floodwalls	Monolith Joints	WS Ma	M				37.981363 ° 37.981363 ° 86 -121.247601 ° -121.247601 ° DWR ID: DWR_NA0017_15_f_2013_86	
128	16.87	16.87	Earthen Levee	Slope Stability	LS Ma	M	S1 : Repair slope instability.			37.983737 ° 37.983737 ° 94 -121.253228 ° -121.253228 ° Y DWR ID: DWR_NA0017_15_f_2013_94	
129	16.87	16.87	Concrete Floodwalls	Monolith Joints	WS Ma	M				37.983744 ° 37.983744 ° 93 -121.253211 ° -121.253211 ° Y DWR ID: DWR_NA0017_15_s_2013_93	
130	16.87	16.87	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E1 : Note and monitor erosion site. Inspector Comments: Run off at the landside slope of the levee.			37.983744 ° 37.983744 ° 89 -121.253210 ° -121.253210 ° Y DWR ID: DWR_NA0017_15_s_2013_89	
131	17.23	17.69	Earthen Levee	Encroachments	LS En	M	DT : Ditch			37.986117 ° 37.989236 ° 1048 -121.258790 ° -121.266194 ° DWR ID: DWR_NA0017_15_s_2012_1048	
132	17.79	18.05	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.990067 ° 37.991645 ° 48 -121.267757 ° -121.271827 ° DWR ID: DWR_NA0017_15_s_2012_48	
133	17.83	17.83	Earthen Levee	Encroachments	LS Ma	M	DE : Debris			37.990042 ° 37.990042 ° 97 -121.268434 ° -121.268434 ° DWR ID: DWR_NA0017_15_f_2013_97	
134	18.04	18.30	Earthen Levee	Encroachments	LS En	M	DT : Ditch			37.991404 ° 37.993229 ° 101 -121.271659 ° -121.275715 ° DWR ID: DWR_NA0017_15_s_2012_101	
135	18.44	18.44	Earthen Levee	Encroachments	LS Ma	M	EQ : Equipment			37.994859 ° 37.994859 ° 567 -121.275862 ° -121.275862 ° Y DWR ID: DWR_NA0017_15_s_2012_567	
136	18.54	18.55	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.995287 ° 37.995215 ° 1052 -121.277404 ° -121.277843 ° Y DWR ID: DWR_NA0017_15_s_2012_1052	
137	18.60	18.60	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.			37.999901 ° 37.999901 ° 131 -121.271303 ° -121.271303 ° DWR ID: DWR_NA0017_15_s_2012_131	
138	19.80	19.92	Earthen Levee	Encroachments	WS En	U	FE : Fence Inspector Comments: City of Stockton placed this fence on the waterside shoulder of the levee.			37.994671 ° 37.994696 ° 107 -121.279658 ° -121.281905 ° Y DWR ID: DWR_NA0017_15_f_2012_107	
139	19.80	19.86	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.994756 ° 37.994729 ° 1054 -121.279161 ° -121.280718 ° Y DWR ID: DWR_NA0017_15_s_2012_1054	

* Location
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** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
140	20.12	20.12	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.993682 ° -121.285216 °	37.993682 ° -121.285216 °	99 Y	DWR ID: DWR_NA0017_15_f_2013_99
141	20.17	20.17	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.	37.993578 ° -121.286165 °	37.993578 ° -121.286165 °	103 Y	DWR ID: DWR_NA0017_15_f_2013_103
142	20.64	20.64	Earthen Levee	Erosion / Bank Caving	LS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff on the landside slope of the levee.	37.992822 ° -121.294308 °	37.992822 ° -121.294308 °	1051 Y	DWR ID: DWR_NA0017_15_s_2012_1051
143	20.80	20.91	Earthen Levee	Encroachments	LS En	U	FE : Fence	37.992300 ° -121.296665 °	37.992008 ° -121.298688 °	52 Y	DWR ID: DWR_NA0017_15_s_2012_52
144	20.80	20.80	Earthen Levee	Erosion / Bank Caving	WS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.	37.992261 ° -121.297187 °	37.992261 ° -121.297187 °	159 Y	DWR ID: DWR_NA0017_15_s_2012_159
145	20.91	21.01	Earthen Levee	Encroachments	LS En	U	BU : Building	37.992015 ° -121.298692 °	37.992103 ° -121.300505 °	53 Y	DWR ID: DWR_NA0017_15_s_2012_53
146	21.05	21.10	Earthen Levee	Encroachments	LS En	U	FE : Fence	37.992163 ° -121.301308 °	37.992170 ° -121.302212 °	55 Y	DWR ID: DWR_NA0017_15_s_2012_55
147	21.25	21.53	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.991146 ° -121.304981 °	37.987767 ° -121.307575 °	1055 Y	DWR ID: DWR_NA0017_15_s_2012_1055
148	21.43	21.43	Earthen Levee	Slope Stability	LS Ma	C	S1 : Repair slope instability.	37.989174 ° -121.306911 °	37.989174 ° -121.306911 °	113 Y	DWR ID: DWR_NA0017_15_s_2013_113
149	21.46	21.61	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.988543 ° -121.307211 °	37.986783 ° -121.308158 °	1062 Y	DWR ID: DWR_NA0017_15_s_2012_1062
150	21.52	21.73	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	37.987718 ° -121.307630 °	37.985250 ° -121.309249 °	56 Y	DWR ID: DWR_NA0017_15_s_2012_56
151	21.73	21.77	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.985238 ° -121.309264 °	37.984896 ° -121.309735 °	1063 Y	DWR ID: DWR_NA0017_15_s_2012_1063
152	22.11	22.11	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	37.981675 ° -121.314329 °	37.981675 ° -121.314329 °	1065 Y	DWR ID: DWR_NA0017_15_s_2012_1065
153	22.17	22.17	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	37.981068 ° -121.315159 °	37.981068 ° -121.315159 °	173 Y	DWR ID: DWR_NA0017_15_s_2012_173
154	22.27	22.32	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	37.980533 ° -121.316473 °	37.980285 ° -121.317410 °	57 Y	DWR ID: DWR_NA0017_15_s_2012_57

* Location LS : Land Side WS : Water Side CR : Crown
** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start End Photo
	Start	End						Start	End	
155	22.36	22.37	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.979996 °	37.979969 °	95 -121.318045 ° -121.318236 ° Y DWR ID: DWR_NA0017_15_s_2012_95
156	22.59	22.59	Earthen Levee	Encroachments	WS En	M	PI : Pipe Inspector Comments: Exposed pipe causing erosion on the waterside slope of the levee.	37.981443 °	37.981443 °	118 -121.321931 ° -121.321931 ° Y DWR ID: DWR_NA0017_15_s_2013_118
157	22.88	22.90	Earthen Levee	Encroachments	LS En	U	FE : Fence	37.982270 °	37.982210 °	1067 -121.327070 ° -121.327567 ° Y DWR ID: DWR_NA0017_15_s_2012_1067
158	23.45	23.45	Earthen Levee	Encroachments	WS En	C	PI : Pipe Inspector Comments: Abandoned pump and pipe.	37.980135 °	37.980135 °	175 -121.336833 ° -121.336833 ° DWR ID: DWR_NA0017_15_s_2012_175
159	23.54	23.69	Earthen Levee	Encroachments	LS En	M	FE : Fence Inspector Comments: Post & Cable Fence	37.980240 °	37.979757 °	1068 -121.338605 ° -121.341113 ° Y DWR ID: DWR_NA0017_15_s_2012_1068
160	23.61	23.61	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.979951 °	37.979951 °	119 -121.339787 ° -121.339787 ° Y DWR ID: DWR_NA0017_15_s_2013_119
161	23.80	23.80	Earthen Levee	Encroachments	WS Ma	M	DE : Debris	37.978692 °	37.978692 °	110 -121.342882 ° -121.342882 ° Y DWR ID: DWR_NA0017_15_f_2013_110
162	24.03	24.03	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.	37.976483 °	37.976483 °	176 -121.345756 ° -121.345756 ° DWR ID: DWR_NA0017_15_s_2012_176
163	24.18	24.18	Earthen Levee	Riprap Revetments	WSA/W Ob			37.974858 °	37.974858 °	187 -121.347718 ° -121.347718 ° Y DWR ID: DWR_NA0017_15_f_2012_187
164	24.20	24.21	Earthen Levee	Encroachments	LS En	U	FE : Fence	37.974670 °	37.974499 °	1070 -121.347822 ° -121.347919 ° Y DWR ID: DWR_NA0017_15_s_2012_1070
165	24.65	25.59	Earthen Levee	Vegetation	WSA/W En	V6 : Landscaping Inspector Comments: Landowner plantings, iceplant, etc. with irrigation systems. All of them have permit.		37.970707 °	37.967737 °	1071 -121.353458 ° -121.368923 ° Y DWR ID: DWR_NA0017_15_s_2012_1071
166	24.78	24.90	Earthen Levee	Cracking	LS Ma	M	CR2 : Schedule repair of subsidence prior to the next inspection. Inspector Comments: Crack was found on the landside shoulder of the levee.	37.969625 °	37.968662 °	112 -121.355304 ° -121.357149 ° Y DWR ID: DWR_NA0017_15_f_2013_112
167	24.84	24.84	Earthen Levee	Riprap Revetments	WSA/W Ob			37.969095 °	37.969095 °	188 -121.356301 ° -121.356301 ° Y DWR ID: DWR_NA0017_15_f_2012_188
168	24.91	24.91	Earthen Levee	Encroachments	LS Ma	A/W	ST : Stairway Inspector Comments: This area is approved by permit #16522	37.968572 °	37.968572 °	162 -121.357318 ° -121.357318 ° DWR ID: DWR_NA0017_15_s_2012_162

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End					Ma	Start	End	Photo		
169	24.91	24.91	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16522			37.968570 ° 37.968570 ° 161 -121.357318 ° -121.357318 °	DWR ID: DWR_NA0017_15_s_2012_161	
170	24.93	24.93	Earthen Levee	Encroachments	LS A/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905			37.968452 ° 37.968452 ° 164 -121.357534 ° -121.357534 °	DWR ID: DWR_NA0017_15_s_2012_164	
171	24.93	24.93	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905			37.968451 ° 37.968451 ° 163 -121.357535 ° -121.357535 °	DWR ID: DWR_NA0017_15_s_2012_163	
172	24.97	24.97	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905			37.968133 ° 37.968133 ° 165 -121.358222 ° -121.358222 °	DWR ID: DWR_NA0017_15_s_2012_165	
173	24.97	24.97	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905			37.968133 ° 37.968133 ° 166 -121.358222 ° -121.358222 °	DWR ID: DWR_NA0017_15_s_2012_166	
174	24.99	24.99	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905			37.968016 ° 37.968016 ° 167 -121.358501 ° -121.358501 °	DWR ID: DWR_NA0017_15_s_2012_167	
175	25.00	25.00	Earthen Levee	Riprap Revetments	WSA/W	Ob				37.967943 ° 37.967943 ° 189 -121.358711 ° -121.358711 ° Y	DWR ID: DWR_NA0017_15_f_2012_189	
176	25.00	25.00	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905-A			37.967921 ° 37.967921 ° 168 -121.358753 ° -121.358753 °	DWR ID: DWR_NA0017_15_s_2012_168	
177	25.06	25.06	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905-A			37.967730 ° 37.967730 ° 169 -121.359759 ° -121.359759 °	DWR ID: DWR_NA0017_15_s_2012_169	
178	25.11	25.58	Earthen Levee	Encroachments	WSA/W	ST : Stairway Ma	Inspector Comments: This area is approved by permit #16905-A			37.967911 ° 37.967626 ° 170 -121.360697 ° -121.368644 °	DWR ID: DWR_NA0017_15_s_2012_170	
179	25.35	25.35	Earthen Levee	Encroachments	LS	M	PL : Pool En	Inspector Comments: This pool doesn't have any permit.			37.968056 ° 37.968056 ° 158 -121.364686 ° -121.364686 ° Y	DWR ID: DWR_NA0017_15_s_2013_158
180	25.41	25.41	Earthen Levee	Erosion / Bank Caving	LS	C	E2 : Schedule repair of erosion site prior to the next inspection. Ma	Inspector Comments: Runoff on the landside slope of the levee.			37.967546 ° 37.967546 ° 122 -121.365578 ° -121.365578 °	DWR ID: DWR_NA0017_15_s_2013_122

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	0.37
End Levee Mile	0.64
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Fences were found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_248.JPG	



Levee Mile Report Line	4
Start Levee Mile	0.41
End Levee Mile	1.32
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking upstream.	
SJR2013_NA0017U15RM22.91_1.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.87
End Levee Mile	0.87
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131118_047.JPG	



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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable

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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	8
Start Levee Mile	1.52
End Levee Mile	1.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of erosion of waterward levee slope looking upstream.	
pkazi_f_20131001_372.jpg	



Levee Mile Report Line	10
Start Levee Mile	2.09
End Levee Mile	2.09
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of an open abandoned pipe at the waterside toe of the levee looking upstream.	
pkazi_f_20131001_251.jpg	



Levee Mile Report Line	11
Start Levee Mile	2.09
End Levee Mile	2.09
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside toe of the levee looking downstream.	
pkazi_f_20131001_260.jpg	



<b>* Location</b>
LS : Land Side
WS : Water Side
CR : Crown

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C : Corrected
A/W : Acceptable but Monitor & Maintain

<b>+ Issue Type</b>
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	2.09
End Levee Mile	2.09
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability at the waterside slope of the levee looking upstream.	
pkazi_f_20131001_261.jpg	



Levee Mile Report Line	12
Start Levee Mile	2.42
End Levee Mile	2.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the landward shoulder where a landowner has disced the levee looking downstream.	
pkazi_f_20131001_277.jpg	



Levee Mile Report Line	13
Start Levee Mile	2.43
End Levee Mile	2.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of equipment on the landward slope of the levee looking downstream.	
pkazi_f_20131001_276.jpg	



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LS : Land Side
WS : Water Side
CR : Crown

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+ Issue Type
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Ob : Design & System Obsolescence
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	14
Start Levee Mile	2.59
End Levee Mile	2.59
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside slope of the levee looking downstream.	
pkazi_f_20131001_290.jpg	



Levee Mile Report Line	15
Start Levee Mile	2.68
End Levee Mile	2.68
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside of the levee. The picture was taken from the crown looking downstream.	
pkazi_f_20131001_271.jpg	



Levee Mile Report Line	16
Start Levee Mile	2.68
End Levee Mile	2.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Recently built retaining wall at toe of landside levee at LM 2.68.	
pkazi_f_20131001_304.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	16
Start Levee Mile	2.68
End Levee Mile	2.71
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated view as of spring 2009. Landscaping and irrigation have been added at the toe of the levee.	
pkazi_f_20131001_305.jpg	



Levee Mile Report Line	17
Start Levee Mile	2.73
End Levee Mile	2.73
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscape was found on the landside of the levee looking downstream.	
pkazi_f_20131001_250.jpg	



Levee Mile Report Line	18
Start Levee Mile	2.74
End Levee Mile	2.75
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of retaining wall and landscaping along the landward toe of the levee.	
pkazi_f_20131001_369.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	19
Start Levee Mile	3.08
End Levee Mile	3.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Pruning was found on the landside of the levee looking downstream.	
pkazi_f_20131118_048.JPG	



Levee Mile Report Line	22
Start Levee Mile	3.22
End Levee Mile	3.22
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree limbs were obstructing visibility on the landside slope of the levee looking downstream.	
pkazi_f_20131001_255.JPG	



Levee Mile Report Line	23
Start Levee Mile	3.40
End Levee Mile	3.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Burn pile and new material was placed at the toe of the landside of the levee. The picture was taken from the crown looking downstream.	
pkazi_f_20131001_256.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	25
Start Levee Mile	3.61
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside toe of the levee looking downstream.	
pkazi_f_20131001_258.JPG	



04/30/2013

Levee Mile Report Line	26
Start Levee Mile	3.62
End Levee Mile	3.62
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a recently place pipe in the waterward slope looking downstream.	
pkazi_f_20131001_295.jpg	



Levee Mile Report Line	27
Start Levee Mile	3.64
End Levee Mile	3.64
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131118_049.JPG	



11/12/2013

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	28
Start Levee Mile	3.81
End Levee Mile	3.81
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_283.jpg	



Levee Mile Report Line	29
Start Levee Mile	3.86
End Levee Mile	3.86
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside slope of the levee looking downstream.	
pkazi_f_20131001_284.jpg	



Levee Mile Report Line	29
Start Levee Mile	3.86
End Levee Mile	3.86
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_285.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	31
Start Levee Mile	3.97
End Levee Mile	3.97
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside slope of the levee looking downstream.	
pkazi_f_20131001_286.jpg	



Levee Mile Report Line	31
Start Levee Mile	3.97
End Levee Mile	3.97
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_287.JPG	



Levee Mile Report Line	31
Start Levee Mile	3.97
End Levee Mile	3.97
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability on the waterside slope of the levee looking downstream during fall 2013 inspection.	
pkazi_f_20131118_050.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	32
Start Levee Mile	4.13
End Levee Mile	4.15
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscape was blocking the visibility on the landside of the levee looking downstream.	
pkazi_f_20131001_259.jpg	



Levee Mile Report Line	33
Start Levee Mile	4.21
End Levee Mile	4.21
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131118_051.JPG	



Levee Mile Report Line	34
Start Levee Mile	4.29
End Levee Mile	4.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Example of a prunings pile immediately adjacent to access road at LM 4.29. Evidence of habitual burnings at this site.	
pkazi_f_20131001_262.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	34
Start Levee Mile	4.29
End Levee Mile	4.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Updated picture of the prunings pile on the landside of the levee looking downstream during fall 2013 inspection.	
pkazi_f_20131118_052.JPG	



Levee Mile Report Line	35
Start Levee Mile	4.41
End Levee Mile	4.41
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131119_053.JPG	



Levee Mile Report Line	37
Start Levee Mile	4.44
End Levee Mile	4.44
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee. The picture was taken from the opposite side of the levee.	
pkazi_f_20131001_347.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	39
Start Levee Mile	4.73
End Levee Mile	4.73
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_325.jpg	



Levee Mile Report Line	39
Start Levee Mile	4.73
End Levee Mile	4.73
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
The LMA has fixed the erosion on the landside slope of the levee but the riprap contains exposed rebar which could be dangerous during a flood fight.	
pkazi_f_20131001_326.jpg	



Levee Mile Report Line	39
Start Levee Mile	4.73
End Levee Mile	4.73
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the slope instability on the waterside slope of the levee looking downstream during spring 2013 inspection.	
pkazi_f_20131001_327.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	40
Start Levee Mile	4.80
End Levee Mile	4.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_329.jpg	



Levee Mile Report Line	41
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of equipment along the landward slope looking downstream.	
pkazi_f_20131001_263.jpg	



Levee Mile Report Line	42
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of equipment along the waterward side of the levee crown looking downstream.	
pkazi_f_20131001_264.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	43
Start Levee Mile	4.97
End Levee Mile	4.97
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of prunings pile along the waterward side of the crown looking downstream.	
pkazi_f_20131001_310.jpg	



Levee Mile Report Line	44
Start Levee Mile	5.14
End Levee Mile	5.14
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
View of a slip in the waterward levee slope looking downstream.	
pkazi_f_20131001_373.jpg	



Levee Mile Report Line	48
Start Levee Mile	5.37
End Levee Mile	5.37
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Equipment was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_337.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	49
Start Levee Mile	5.38
End Levee Mile	5.45
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Building located immediately adjacent to access road approximately from LM 5.38 to 5.45	
pkazi_f_20131001_267.JPG	



Levee Mile Report Line	50
Start Levee Mile	5.42
End Levee Mile	5.42
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of landscaping planted along the waterward side of the access road impacting visibility and the ability to floodfight looking downstream.	
pkazi_f_20131001_374.jpg	



Levee Mile Report Line	51
Start Levee Mile	5.60
End Levee Mile	5.65
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of discarded nut shells placed along the waterward slope to be burned looking downstream.	
pkazi_f_20131001_375.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	51
Start Levee Mile	5.60
End Levee Mile	5.65
Location	Water Side
Category	Earthen Levee
Item	Encroachments
In addition to the walnut piles, there were rocks and debris were found at the landside shoulder of the levee looking downstream.	pkazi_f_20131001_376.jpg



Levee Mile Report Line	53
Start Levee Mile	5.69
End Levee Mile	5.69
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee looking upstream.	pkazi_f_20131001_270.JPG



Levee Mile Report Line	55
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Broken concrete pipes and other debris was found on the waterside of the levee. The picture was taken from the crown looking downstream.	pkazi_f_20131001_268.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	55
Start Levee Mile	5.76
End Levee Mile	5.86
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was still on the waterside of the levee looking downstream. This picture was taken during Spring 2012 inspection.	
pkazi_f_20131001_269.jpg	



Levee Mile Report Line	56
Start Levee Mile	5.77
End Levee Mile	5.77
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_273.JPG	



Levee Mile Report Line	56
Start Levee Mile	5.77
End Levee Mile	5.77
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Updated picture of the animal holes on the waterside of the levee looking downstream.	
pkazi_f_20131119_054.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	57
Start Levee Mile	5.86
End Levee Mile	5.86
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_274.JPG	



Levee Mile Report Line	59
Start Levee Mile	5.91
End Levee Mile	5.91
Location	Crown
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the crown of the levee looking upstream.	
pkazi_f_20131119_055.JPG	



Levee Mile Report Line	61
Start Levee Mile	5.95
End Levee Mile	6.05
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Materials were found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_319.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	62
Start Levee Mile	6.12
End Levee Mile	6.12
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_282.JPG	



Levee Mile Report Line	64
Start Levee Mile	6.20
End Levee Mile	6.20
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the waterside of the levee looking downstream.	
pkazi_f_20131001_340.jpg	



Levee Mile Report Line	66
Start Levee Mile	6.57
End Levee Mile	6.57
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes were found on the landside of the levee looking downstream.	
pkazi_f_20131119_056.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	67
Start Levee Mile	6.59
End Levee Mile	6.59
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking downstream.	
pkazi_f_20131001_328.JPG	



Levee Mile Report Line	68
Start Levee Mile	6.61
End Levee Mile	6.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control
View of rodent activity in the landward slope looking downstream.	
pkazi_f_20131001_321.jpg	



Levee Mile Report Line	70
Start Levee Mile	6.81
End Levee Mile	6.81
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability caused by vehicular traffic on the waterside slope of the levee looking downstream.	
pkazi_f_20131119_057.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	72
Start Levee Mile	6.89
End Levee Mile	6.89
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking downstream.	
	
pkazi_f_20131001_322.jpg	

Levee Mile Report Line	73
Start Levee Mile	7.09
End Levee Mile	7.09
Location	Land Side
Category	Earthen Levee
Item	Encroachments
An agricultural ditch was found on the landside toe of the levee looking upstream.	
	
pkazi_f_20131001_293.JPG	

Levee Mile Report Line	76
Start Levee Mile	7.36
End Levee Mile	7.36
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside slope of the levee looking downstream.	
	
pkazi_f_20131001_330.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	77
Start Levee Mile	7.98
End Levee Mile	7.98
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipment was left by the farmers on the landside of the levee. The picture was taken from crown looking toward the landside of the levee.	
pkazi_f_20131001_353.jpg	



Levee Mile Report Line	79
Start Levee Mile	8.06
End Levee Mile	8.06
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of arundo on the waterward shoulder and slope blocking visibility looking downstream.	
pkazi_f_20131001_331.jpg	



Levee Mile Report Line	79
Start Levee Mile	8.06
End Levee Mile	8.06
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Updated picture of the Arundo on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_332.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	80
Start Levee Mile	8.24
End Levee Mile	8.24
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking downstream.	
pkazi_f_20131001_275.JPG	



Levee Mile Report Line	83
Start Levee Mile	8.43
End Levee Mile	8.43
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking down at the erosion from the levee crest.	
SJR2013_NA0017U15RM14.49_1.jpg	



Levee Mile Report Line	84
Start Levee Mile	8.47
End Levee Mile	8.50
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking downstream.	
pkazi_f_20131001_391.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	85
Start Levee Mile	8.49
End Levee Mile	8.49
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside slope of the levee looking downstream.	
pkazi_f_20131001_300.JPG	



Levee Mile Report Line	86
Start Levee Mile	8.58
End Levee Mile	8.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking downstream.	
pkazi_f_20131001_301.JPG	



Levee Mile Report Line	87
Start Levee Mile	8.61
End Levee Mile	8.61
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
A slope Instability was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_303.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	87
Start Levee Mile	8.61
End Levee Mile	8.61
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability on the waterside of the levee looking downstream during fall 2013 inspection.	
pkazi_f_20131119_058.JPG	



Levee Mile Report Line	88
Start Levee Mile	8.64
End Levee Mile	8.64
Location	Water Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_344.jpg	



Levee Mile Report Line	89
Start Levee Mile	8.66
End Levee Mile	8.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_370.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	90
Start Levee Mile	8.68
End Levee Mile	8.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Remove equipment from landside slope of levee at from LM 8.68 to LM 8.70.	
pkazi_f_20131001_278.JPG	



Levee Mile Report Line	91
Start Levee Mile	8.72
End Levee Mile	8.72
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Building, fence and landscaping immediately adjacent to the access road at LM 8.72.	
pkazi_f_20131001_318.JPG	



Levee Mile Report Line	93
Start Levee Mile	9.59
End Levee Mile	9.59
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
A slope Instability was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_345.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	94
Start Levee Mile	9.63
End Levee Mile	9.63
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Building located at LM 9.63 on waterside of access road. This building appears to be recently constructed and does not currently contain anything.	
pkazi_f_20131001_280.JPG	



Levee Mile Report Line	94
Start Levee Mile	9.63
End Levee Mile	9.63
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Additional view of building at LM 9.63.	
pkazi_f_20131001_281.JPG	



Levee Mile Report Line	95
Start Levee Mile	9.76
End Levee Mile	9.76
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A perforated PVC pipe was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_351.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	96
Start Levee Mile	10.01
End Levee Mile	10.01
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_356.jpg	



Levee Mile Report Line	97
Start Levee Mile	10.08
End Levee Mile	10.08
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131119_060.JPG	



Levee Mile Report Line	98
Start Levee Mile	10.11
End Levee Mile	10.11
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_306.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	99
Start Levee Mile	10.19
End Levee Mile	10.19
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_307.JPG	



Levee Mile Report Line	101
Start Levee Mile	10.62
End Levee Mile	10.62
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of the prunings pile on the waterward slope looking downstream.	
pkazi_f_20131001_312.jpg	



Levee Mile Report Line	101
Start Levee Mile	10.62
End Levee Mile	10.62
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking downstream.	
pkazi_f_20131001_313.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	102
Start Levee Mile	10.76
End Levee Mile	10.76
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking downstream.	
<i>pkazi_f_20131001_378.jpg</i>	



Levee Mile Report Line	104
Start Levee Mile	11.05
End Levee Mile	11.05
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee looking downstream.	
<i>pkazi_f_20131001_354.jpg</i>	



Levee Mile Report Line	105
Start Levee Mile	11.06
End Levee Mile	11.06
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking downstream.	
<i>pkazi_f_20131001_352.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	106
Start Levee Mile	11.58
End Levee Mile	11.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipment on the landside of the levee. The picture was taken from the crown looking downstream.	
pkazi_f_20131001_357.jpg	



Levee Mile Report Line	107
Start Levee Mile	11.61
End Levee Mile	11.61
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of cactus within 10 feet of the landward toe blocking visibility and access.	
pkazi_f_20131001_336.jpg	



Levee Mile Report Line	110
Start Levee Mile	12.08
End Levee Mile	12.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside slope of the levee looking downstream.	
pkazi_f_20131001_371.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	111
Start Levee Mile	12.21
End Levee Mile	12.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking downstream.	
<i>pkazi_f_20131001_288.jpg</i>	



Levee Mile Report Line	112
Start Levee Mile	12.82
End Levee Mile	12.82
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking downstream.	
<i>pkazi_f_20131001_289.jpg</i>	



Levee Mile Report Line	113
Start Levee Mile	12.99
End Levee Mile	12.99
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking downstream.	
<i>pkazi_f_20131001_392.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	114
Start Levee Mile	13.08
End Levee Mile	13.08
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunning on the waterside of the levee looking downstream.	pkazi_f_20131001_358.jpg



Levee Mile Report Line	116
Start Levee Mile	13.25
End Levee Mile	13.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipment was found on the landside toe of the levee looking downstream.	pkazi_f_20131001_338.jpg



Levee Mile Report Line	117
Start Levee Mile	13.26
End Levee Mile	13.26
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Rodent holes were found on the landside of the levee looking downstream.	pkazi_f_20131119_061.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	118
Start Levee Mile	13.58
End Levee Mile	13.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a prunings pile on the landward slope looking downstream. The resident stated it would be moved in a few weeks.	
pkazi_f_20131001_341.jpg	



Levee Mile Report Line	119
Start Levee Mile	14.21
End Levee Mile	14.21
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131119_062.JPG	



Levee Mile Report Line	121
Start Levee Mile	15.71
End Levee Mile	15.71
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the landside slope of the levee looking downstream.	
pkazi_f_20131119_063.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	122
Start Levee Mile	15.73
End Levee Mile	15.73
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside slope of the levee looking upstream.	
<i>pkazi_f_20131119_064.JPG</i>	



Levee Mile Report Line	124
Start Levee Mile	16.08
End Levee Mile	16.08
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at the waterside shoulder of the levee looking downstream.	
<i>pkazi_f_20131001_314.JPG</i>	



Levee Mile Report Line	125
Start Levee Mile	16.09
End Levee Mile	16.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a ditch adjacent to the landward toe looking downstream.	
<i>pkazi_f_20131001_379.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	126
Start Levee Mile	16.39
End Levee Mile	16.39
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion caused by runoff on the landside slope of the levee looking upstream.	
pkazi_f_20131119_065.JPG	



Levee Mile Report Line	128
Start Levee Mile	16.87
End Levee Mile	16.87
Location	Land Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the landside toe of the levee looking from the crown.	
pkazi_f_20131119_066.JPG	



Levee Mile Report Line	129
Start Levee Mile	16.87
End Levee Mile	16.87
Location	Water Side
Category	Concrete Floodwalls
Item	Monolith Joints
The monolith joint material is deteriorating at the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_323.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	130
Start Levee Mile	16.87
End Levee Mile	16.87
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Slope Instability was found on the landside slope of the levee looking upstream.	
pkazi_f_20131001_320.JPG	



Levee Mile Report Line	135
Start Levee Mile	18.44
End Levee Mile	18.44
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Equipment was found on the landside of the levee looking downstream.	
pkazi_f_20131001_368.jpg	



Levee Mile Report Line	136
Start Levee Mile	18.54
End Levee Mile	18.55
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landowner planted and maintained vegetation along the landward slope looking downstream.	
pkazi_f_20131001_382.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	138
Start Levee Mile	19.80
End Levee Mile	19.92
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A fence was placed by the City of Stockton on the waterside shoulder of the levee looking downstream.	pkazi_f_20131001_334.jpg



Levee Mile Report Line	139
Start Levee Mile	19.80
End Levee Mile	19.86
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landowner planted and maintained vegetation along the landward slope looking downstream.	pkazi_f_20131001_383.jpg



Levee Mile Report Line	140
Start Levee Mile	20.12
End Levee Mile	20.12
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the waterside slope of the levee looking downstream.	pkazi_f_20131119_067.JPG



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	145
Start Levee Mile	20.91
End Levee Mile	21.01
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the buildings on the landside of the levee looking downstream.	
<i>pkazi_f_20131001_294.jpg</i>	



Levee Mile Report Line	149
Start Levee Mile	21.46
End Levee Mile	21.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence along the landward toe looking downstream.	
<i>pkazi_f_20131001_384.jpg</i>	



Levee Mile Report Line	150
Start Levee Mile	21.52
End Levee Mile	21.73
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along the landward slope and toe looking downstream.	
<i>pkazi_f_20131001_296.jpg</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	151
Start Levee Mile	21.73
End Levee Mile	21.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence along the landward shoulder looking downstream.	
	
pkazi_f_20131001_385.jpg	

Levee Mile Report Line	152
Start Levee Mile	22.11
End Levee Mile	22.11
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping maintained by UOP along the landward slope looking downstream.	
	
pkazi_f_20131001_386.jpg	

Levee Mile Report Line	153
Start Levee Mile	22.17
End Levee Mile	22.17
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found due to runoff on the landside of the levee looking downstream.	
	
pkazi_f_20131001_361.jpg	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	153
Start Levee Mile	22.17
End Levee Mile	22.17
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion located on the landside of the levee looking downstream.	
pkazi_f_20131001_362.jpg	



11/16/2012

Levee Mile Report Line	153
Start Levee Mile	22.17
End Levee Mile	22.17
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion caused by run off on the landside slope of the levee looking downstream during spring 2013 inspection.	
pkazi_f_20131001_363.JPG	



05/02/2013

Levee Mile Report Line	154
Start Levee Mile	22.27
End Levee Mile	22.32
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along the landward toe of the levee looking downstream.	
pkazi_f_20131001_297.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	155
Start Levee Mile	22.36
End Levee Mile	22.37
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence located from LM 22.36 to LM 22.37 significantly encroaches onto landside levee slope.	pkazi_f_20131001_324.JPG



Levee Mile Report Line	156
Start Levee Mile	22.59
End Levee Mile	22.59
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of the exposed pipe causing erosion on the waterside slope of the levee looking upstream.	pkazi_f_20131001_342.JPG



Levee Mile Report Line	157
Start Levee Mile	22.88
End Levee Mile	22.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward shoulder looking downstream.	pkazi_f_20131001_387.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	159
Start Levee Mile	23.54
End Levee Mile	23.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along landward shoulder looking downstream.	
<i>pkazi_f_20131001_388.jpg</i>	



Levee Mile Report Line	160
Start Levee Mile	23.61
End Levee Mile	23.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside slope of the levee looking upstream.	
<i>pkazi_f_20131001_343.JPG</i>	



Levee Mile Report Line	161
Start Levee Mile	23.80
End Levee Mile	23.80
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside toe of the levee looking downstream.	
<i>pkazi_f_20131119_068.JPG</i>	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	163
Start Levee Mile	24.18
End Levee Mile	24.18
Location	Water Side
Category	Earthen Levee
Item	Riprap Revetments
Revetment was placed by the LMA on the waterside slope of the levee looking downstream.	pkazi_f_20131001_365.jpg



Levee Mile Report Line	164
Start Levee Mile	24.20
End Levee Mile	24.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence along the landward shoulder looking downstream.	pkazi_f_20131001_389.jpg



Levee Mile Report Line	165
Start Levee Mile	24.65
End Levee Mile	25.59
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of typical landowner planted and maintained landscaping and irrigation along the waterward shoulder and slope looking downstream.	pkazi_f_20131001_390.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	166
Start Levee Mile	24.78
End Levee Mile	24.90
Location	Land Side
Category	Earthen Levee
Item	Cracking
A crack was found on the landside shoulder of the levee looking downstream during fall 2013 inspection.	
pkazi_f_20131119_069.JPG	



Levee Mile Report Line	167
Start Levee Mile	24.84
End Levee Mile	24.84
Location	Water Side
Category	Earthen Levee
Item	Riprap Revetments
Rvetments were placed by the LMA on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_366.jpg	



Levee Mile Report Line	175
Start Levee Mile	25.00
End Levee Mile	25.00
Location	Water Side
Category	Earthen Levee
Item	Riprap Revetments
Rvetments were placed by the LMA on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_367.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 15 Mormon Slough	Right	25.62	11/12/2013 11/19/2013	Pavel Kazi

Levee Mile Report Line	179
Start Levee Mile	25.35
End Levee Mile	25.35
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A pool was found on the landside toe of the levee looking downstream.	
pkazi_f_20131001_298.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 16 Mormon Slough			Left	24.00
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>M</b>	
Date of Inspection	05/03/2013 - 05/08/2013		11/19/2013 - 11/25/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Jay Jauregui SJCFC&WCD		Jay Jauregui SJCFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector		
LMR No.	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo		
	Start	End						Start	End				
1	0.00	0.00	Channels	Vegetation & Obstructions	WS	M	Inspector Comments: This is in a small section of the upper Calaveras River, above Escallon-Bellota Road. The county has a small section that we maintain above the weir. A large tree fell into the channel; the root ball was over 15 feet in diameter. We worked with Stockton East and their divers to remove most of the tree from the channel. Some of the tree remains in the channel because of it being too heavy (water-logged) to remove at this time. Crews plan to go back to remove it when the water goes down.	38.055298 °	38.055298 °	793	-121.000460 °	-121.000460 °	
2	0.00	11.46	Earthen Levee	Encroachments	CR A/W	MA : Material	En	38.050918 °	37.960280 °	193	-121.012115 °	-121.164353 °	
3	0.13	0.47	Supplemental DWR Erosion Survey		WS	U	Inspector Comments: 09/12/2013: Site has been visited and signs of new erosion are visible. 08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM23.35]	38.048159 °	38.048159 °	41	-121.016427 °	-121.016427 °	Y
4	0.32	0.32	Earthen Levee	Encroachments	CR	C	PR : Prunings	38.048055 °	38.048055 °	50	-121.016667 °	-121.016667 °	
							Inspector Comments: Burn pile has been burned but new material has been placed.						
5	0.54	0.54	Earthen Levee	Encroachments	WS	U	BU : Building	38.046569 °	38.046569 °	99	-121.020075 °	-121.020075 °	
							En						
6	0.70	0.70	Earthen Levee	Trim / Thin Trees	WS	N	T5 : Tree stumps.	38.045610 °	38.045610 °	216	-121.022607 °	-121.022607 °	
							Ma						
7	0.81	0.81	Earthen Levee	Encroachments	WS	M	DE : Debris	38.044564 °	38.044564 °	98	-121.024134 °	-121.024134 °	
							Ma						
8	0.83	0.83	Earthen Levee	Encroachments	WS	M	EQ : Equipment	38.044366 °	38.044366 °	72	-121.024280 °	-121.024280 °	
							Ma						
9	0.83	0.89	Earthen Levee	Vegetation	WS	M	V6 : Landscaping	38.044312 °	38.043691 °	179	-121.024377 °	-121.024946 °	
							En						

* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End					Start	End	Photo		
10	0.97	0.99	Supplemental DWR Erosion Survey	DWR Erosion Survey	WS	U Ma	Inspector Comments: 09/12/2013: No significant changes observed. 08/22/2012: The erosion was surveyed and documented for monitoring purpose. There is no levee structure on the site, only high ground protecting the land behind. The levee crest width and levee height were not measured or estimated in the field. There is a drainage pipe at the site, which might have caused the problem at one pocket erosion. [2013 Site ID:NA0017U16RM22.74]	38.043080 ° -121.026280 °	38.043080 ° -121.026280 °	157 Y	DWR ID:
11	1.13	1.13	Supplemental DWR Erosion Survey	DWR Erosion Survey	WS	U Ma	Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Erosion is at the outside corner of a river bend, and next to a tree at the levee toe. Irrigation structure presents at the site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM22.58]	38.041260 ° -121.027730 °	38.041260 ° -121.027730 °	163 Y	DWR ID:
12	1.16	1.16	Earthen Levee	Encroachments	WS	M En	PO : Pole	38.040628 ° -121.027792 °	38.040628 ° -121.027792 °	63	DWR ID: DWR_NA0017_16_s_2012_63
13	1.48	1.48	Earthen Levee	Encroachments	WS	M Ma	PR : Prunings	38.039624 ° -121.033278 °	38.039624 ° -121.033278 °	87 Y	DWR ID: DWR_NA0017_16_s_2012_87
14	1.59	1.59	Supplemental DWR Erosion Survey	DWR Erosion Survey	WS	M Ma	Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: The berm is estimated at 10 ft. Dense vegetation on site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM22.15]	38.039940 ° -121.035430 °	38.039940 ° -121.035430 °	164 Y	DWR ID:
15	1.74	1.75	Supplemental DWR Erosion Survey	DWR Erosion Survey	WS	U Ma	Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site is covered with dense vegetation. A scarp erosion is adjacent to a pocket erosion at the downstream. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM22.01]	38.039110 ° -121.037840 °	38.039110 ° -121.037840 °	165 Y	DWR ID:
16	1.75	1.76	Supplemental DWR Erosion Survey	DWR Erosion Survey	WS	M Ma	Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Erosion is covered by dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM21.95]	38.038080 ° -121.038676 °	38.038080 ° -121.038676 °	166 Y	DWR ID:

* Location LS : Land Side WS : Water Side CR : Crown
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+ Issue Type
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End					Start	End	Photo			
17	1.77	1.78	Supplemental DWR Erosion Survey	WS M	Ma		Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site is covered by dense vegetation. Berm width is estimated as 5 ft. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM21.94]	38.037906 °	38.037906 °	168 -121.038949 °	-121.038949 ° Y	
										DWR ID:		
18	1.93	1.95	Supplemental DWR Erosion Survey	WS M	Ma		Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Berm width is estimated as 5 ft. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM21.05]	38.037150 °	38.037150 °	169 -121.040580 °	-121.040580 ° Y	
										DWR ID:		
19	1.95	1.95	Earthen Levee	Encroachments	WS M	PO : Pole En				38.036528 °	38.036528 ° 58 -121.040143 °	
										DWR ID: DWR_NA0017_16_s_2012_58		
20	1.95	1.95	Earthen Levee	Encroachments	WS M	PR : Prunings En				38.036468 °	38.036468 ° 13 -121.040187 °	
										DWR ID: DWR_NA0017_16_s_2013_13		
21	1.95	1.95	Earthen Levee	Encroachments	WS M	MA : Material En				38.036465 °	38.036465 ° 10 -121.040184 °	
							Inspector Comments: The farmer installed a concrete pad on the waterside slope of the levee without a permit.			DWR ID: DWR_NA0017_16_s_2013_10		
22	1.97	1.97	Earthen Levee	Erosion / Bank Caving	WS M	E2 : Schedule repair of erosion site prior to the next inspection.	Ma			38.036248 °	38.036248 ° 155 -121.040408 °	
										DWR ID: DWR_NA0017_16_f_2013_155		
23	2.07	2.07	Earthen Levee	Encroachments	WS M	PR : Prunings	Ma			38.035118 °	38.035118 ° 85 -121.041227 °	
										DWR ID: DWR_NA0017_16_s_2012_85		
24	2.31	2.32	Supplemental DWR Erosion Survey	WS M	Ma		Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM20.71]				38.033072 °	38.033072 ° 171 -121.044970 °
										DWR ID:		
25	2.37	2.38	Supplemental DWR Erosion Survey	WS U	Ma		Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: The erosion was first reported in the 2012 spring levee inspection report. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM20.62]				38.032202 °	38.032202 ° 173 -121.045226 °
										DWR ID:		
26	2.41	2.41	Earthen Levee	Animal Control	WS C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	Ma			38.031832 °	38.031832 ° 232 -121.045734 °	
										DWR ID: DWR_NA0017_16_f_2012_232		

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough							Left	24.00	11/19/2013 11/25/2013	Pavel Kazi	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
27	2.42	2.42	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.			38.031763 °	38.031763 ° 213
										-121.045808 °	-121.045808 ° Y
										DWR ID: DWR_NA0017_16_f_2012_213	
28	2.44	2.44	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.031429 °	38.031429 ° 40
										-121.046189 °	-121.046189 °
										DWR ID: DWR_NA0017_16_s_2013_40	
29	2.47	2.47	Earthen Levee	Animal Control	CR Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.031208 °	38.031208 ° 153
										-121.046362 °	-121.046362 ° Y
										DWR ID: DWR_NA0017_16_f_2013_153	
30	2.48	2.48	Earthen Levee	Encroachments	WS En	M	PO : Pole			38.031116 °	38.031116 ° 55
										-121.046402 °	-121.046402 °
										DWR ID: DWR_NA0017_16_s_2012_55	
31	2.72	2.72	Earthen Levee	Animal Control	WS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			38.028744 °	38.028744 ° 42
										-121.049518 °	-121.049518 °
										DWR ID: DWR_NA0017_16_s_2013_42	
32	3.00	3.06	Supplemental DWR Erosion Survey		WS Ma	U	Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: Site Comprised of series of pocket and scarp erosions. Some of erosions are covered by grass or shrubs. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM20]			38.026670 °	38.026670 ° 177
										-121.053031 °	-121.053031 ° Y
										DWR ID:	
33	3.35	3.35	Earthen Levee	Encroachments	WS En	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.			38.023257 °	38.023257 ° 52
										-121.058158 °	-121.058158 ° Y
										DWR ID: DWR_NA0017_16_s_2012_52	
34	3.52	3.52	Earthen Levee	Encroachments	WS Ma	M	PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.			38.021650 °	38.021650 ° 53
										-121.060312 °	-121.060312 ° Y
										DWR ID: DWR_NA0017_16_s_2012_53	
35	3.59	3.59	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes.			38.020965 °	38.020965 ° 152
										-121.061215 °	-121.061215 ° Y
										DWR ID: DWR_NA0017_16_f_2013_152	
36	3.65	3.65	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			38.020433 °	38.020433 ° 230
										-121.061867 °	-121.061867 ° Y
										DWR ID: DWR_NA0017_16_f_2012_230	
37	3.66	3.66	Earthen Levee	Encroachments	LS En	M	PR : Prunings			38.020351 °	38.020351 ° 206
										-121.061944 °	-121.061944 ° Y
										DWR ID: DWR_NA0017_16_s_2012_206	
38	3.73	3.73	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	M	C3 : Add appropriate gravel or road base. Grade and compact.			38.019604 °	38.019604 ° 211
										-121.062883 °	-121.062883 °
										DWR ID: DWR_NA0017_16_s_2012_211	

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+ Issue Type
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Ob : Design & System Obsolescence
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
LWR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End					Start	End	Photo			
39	3.78	3.79	Supplemental DWR Erosion Survey	WS C Ma			Inspector Comments: 9/12/2013: This site has been repaired prior to this survey, but new erosion has developed immediately downstream of the site. 08/22/2012: Tow large-size pocket erosions. Site is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM19.28]	38.019290 °	38.019290 °	183	-121.063810 °	-121.063810 °
40	3.78	3.78	Earthen Levee	Encroachments	WS M Ma		PR : Prunings Inspector Comments: Burn pile has been burned but new material has been placed.	38.018975 °	38.018975 °	54	-121.063469 °	-121.063469 ° Y
41	3.84	3.85	Supplemental DWR Erosion Survey	WS C Ma			Inspector Comments: 9/12/2013: This site was repaired prior to this survey. 08/22/2012: Erosion is covered with grass and shrubs. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM19.23]	38.018600 °	38.018600 °	198	-121.064390 °	-121.064390 °
42	3.85	3.85	Earthen Levee	Erosion / Bank Caving	WS C Ma		E2 : Schedule repair of erosion site prior to the next inspection.	38.018319 °	38.018319 °	51	-121.064216 °	-121.064216 °
43	3.89	3.91	Supplemental DWR Erosion Survey	WS M Ma			Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: River-induced erosion occurred on the berm, while the runoff-induced erosion occurred on the levee slope. Site is covered with vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM19.18]	38.018100 °	38.018100 °	201	-121.065170 °	-121.065170 ° Y
44	4.31	4.31	Earthen Levee	Crown Surface / Depressions / Rutting	CR C Ma		C2 : Repair depressions or ruts in the crown or slope.	°	°	176	°	°
45	4.32	4.32	Earthen Levee	Slope Stability	WS C Ma		S1 : Repair slope instability.	°	°	792	°	°
46	4.32	4.34	Supplemental DWR Erosion Survey	WS U Ma			Inspector Comments: 9/12/2013: No significant changes observed. 08/22/2012: An irrigation pipe is present at the site, but probably did not cause the erosion. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM18.69]	38.012792 °	38.012792 °	205	-121.068073 °	-121.068073 ° Y

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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
47	4.33	4.33	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	C	C2 : Repair depressions or ruts in the crown or slope.	38.012482 °	38.012482 °	71	
								-121.068155 °	-121.068155 °		
										DWR ID: DWR_NA0017_16_s_2013_71	
48	4.34	4.34	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.	38.012288 °	38.012288 °	228	
								-121.068239 °	-121.068239 °	Y	
										DWR ID: DWR_NA0017_16_f_2012_228	
49	4.43	4.43	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.	38.011053 °	38.011053 °	73	
								-121.068651 °	-121.068651 °	Y	
										DWR ID: DWR_NA0017_16_s_2013_73	
50	4.50	4.50	Earthen Levee	Erosion / Bank Caving	WS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.	38.010095 °	38.010095 °	75	
								-121.068939 °	-121.068939 °		
										DWR ID: DWR_NA0017_16_s_2013_75	
51	4.59	4.59	Earthen Levee	Encroachments	WS En	M	PO : Pole	38.008886 °	38.008886 °	49	
								-121.069293 °	-121.069293 °		
										DWR ID: DWR_NA0017_16_s_2012_49	
52	5.03	5.03	Supplemental DWR Erosion Survey		WS Ma	U	Inspector Comments: 9/12/2013: Site has been surveyed and the pocket erosion has developed toward levee crest. 08/22/2012: A pocket erosion at the levee toe and on lower slope. The levee surface at the upper slope also shows signs of erosion due to poor maintenance. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM17.99]	38.003730 °	38.003730 °	207	
								-121.073080 °	-121.073080 °	Y	
										DWR ID:	
53	5.20	5.20	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	M	C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation. Inspector Comments: A pipe was running over the crown of the levee.	38.001410 °	38.001410 °	92	
								-121.074463 °	-121.074463 °	Y	
										DWR ID: DWR_NA0017_16_s_2013_92	
54	5.21	5.32	Earthen Levee	Encroachments	WS Ma	M	DE : Debris	38.001284 °	38.000116 °	196	
								-121.074596 °	-121.075633 °	Y	
										DWR ID: DWR_NA0017_16_s_2012_196	
55	5.46	5.46	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.	37.998515 °	37.998515 °	226	
								-121.077104 °	-121.077104 °		
										DWR ID: DWR_NA0017_16_f_2012_226	
56	5.46	5.46	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.	37.998515 °	37.998515 °	195	
								-121.077116 °	-121.077116 °		
										DWR ID: DWR_NA0017_16_s_2012_195	
57	5.52	5.57	Supplemental DWR Erosion Survey		WS Ma	M	Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: The site is located at the opposite river bank of E. Tobacco Road. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM17.81]	37.997720 °	37.997720 °	208	
								-121.077807 °	-121.077807 °	Y	
										DWR ID:	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End					Start	End	Photo			
58	5.55	5.57	Supplemental DWR Erosion Survey	DWR Erosion Survey	WS	U Ma	Inspector Comments: 9/12/2013: The erosion seems to be caused by high river flow. Dense vegetation is present at the site. Signs of animal activities are visible. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM17.27]	37.995216 °	37.995216 °	209	-121.080159 °	-121.080159 ° Y
59	5.83	5.83	Earthen Levee	Encroachments	WS En	M	PR : Prunings	37.994268 °	37.994268 °	56	-121.080850 °	-121.080850 ° Y
							Inspector Comments: Burn pile has been burned but new material has been placed.					
60	5.89	5.94	Earthen Levee	Encroachments	WS Ma	M	EQ : Equipment	37.993593 °	37.993030 °	57	-121.081493 °	-121.082014 °
61	5.94	5.94	Earthen Levee	Encroachments	WS Ma	M	EQ : Equipment	37.993108 °	37.993108 °	172	-121.082033 °	-121.082033 ° Y
62	6.18	6.18	Earthen Levee	Crown Surface / Depressions / Rutting	CR Ma	C	C3 : Add appropriate gravel or road base. Grade and compact.	37.990250 °	37.990250 °	181	-121.084602 °	-121.084602 °
63	6.23	6.23	Earthen Levee	Encroachments	LS En	M	PO : Pole	37.989765 °	37.989765 °	44	-121.084970 °	-121.084970 °
64	6.23	6.23	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.989698 °	37.989698 °	5	-121.085034 °	-121.085034 °
65	6.27	6.27	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.989251 °	37.989251 °	4	-121.085419 °	-121.085419 °
66	6.27	6.27	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.989227 °	37.989227 °	3	-121.085441 °	-121.085441 °
67	6.30	6.30	Earthen Levee	Encroachments	WS En	M	FW : Firewood	37.988898 °	37.988898 °	180	-121.085691 °	-121.085691 °
68	6.30	6.30	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.988892 °	37.988892 °	1	-121.085692 °	-121.085692 °
69	6.32	6.32	Earthen Levee	Encroachments	WS En	M	PR : Prunings	37.988708 °	37.988708 °	59	-121.085845 °	-121.085845 ° Y
70	6.35	6.35	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.988385 °	37.988385 °	170	-121.086292 °	-121.086292 ° Y
71	6.38	6.38	Earthen Levee	Animal Control	CR Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.988059 °	37.988059 °	225	-121.086581 °	-121.086581 °

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough							Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
72	6.72	6.91	Supplemental DWR Erosion Survey	WS	U Ma	Inspector Comments: 9/12/2013: Site has been surveyed and the erosion has worsened since last year. 08/22/2012: Discontinuous scarp or pocket erosions occurred along a long stretch of the river, with erosion height greater than 25 ft at certain points. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM16.27]	37.983279 ° -121.090843 °	37.983279 ° -121.090843 °	210 Y	DWR ID:
73	6.82	6.82	Earthen Levee	Erosion / Bank Caving	WS M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	37.982945 ° -121.091270 °	37.982945 ° -121.091270 °	151 Y	DWR ID: DWR_NA0017_16_f_2013_151
74	6.97	6.97	Earthen Levee	Erosion / Bank Caving	WS C Ma	E2 : Schedule repair of erosion site prior to the next inspection.	37.981915 ° -121.093465 °	37.981915 ° -121.093465 °	200	DWR ID: DWR_NA0017_16_s_2012_200
75	7.01	7.01	Earthen Levee	Vegetation	WS M En	V6 : Landscaping	° °	° °	60 Y	DWR ID: DWR_NA0017_16_s_2012_60
76	7.11	7.29	Earthen Levee	Encroachments	LS M En	CR : Crops Inspector Comments: Saplings located at toe of levee. Levee is slightly higher than the ground level at this location. Action has been started with the Board regarding these encroachments.	37.980849 ° -121.095438 °	37.979743 ° -121.098220 °	96	DWR ID: DWR_NA0017_16_f_2012_96
77	7.29	7.29	Earthen Levee	Encroachments	WS M En	PR : Prunings	37.979642 ° -121.098161 °	37.979642 ° -121.098161 °	167 Y	DWR ID: DWR_NA0017_16_s_2012_167
78	7.35	7.41	Supplemental DWR Erosion Survey	WS	U Ma	Inspector Comments: 09/12/2013: The site is located at immediately downstream of a levee segment protected by broken concrete. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM10.82]	37.978572 ° -121.101892 °	37.978572 ° -121.101892 °	212 Y	DWR ID:
79	7.37	7.37	Earthen Levee	Encroachments	WS M Ma	DE : Debris Inspector Comments: Farmer has burned the material, but some new material has been placed. Farmer has been told to not put any material at this location in the future.	37.978850 ° -121.099325 °	37.978850 ° -121.099325 °	61 Y	DWR ID: DWR_NA0017_16_s_2012_61
80	7.39	7.39	Earthen Levee	Encroachments	WS C Ma	DE : Debris	° °	° °	789 Y	DWR ID: DWR_NA0017_16_s_2012_789
81	7.57	7.57	Earthen Levee	Animal Control	WS U Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	° °	° °	218 Y	DWR ID: DWR_NA0017_16_s_2012_218
82	7.63	7.63	Earthen Levee	Erosion / Bank Caving	WS M Ma	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion due to runoff on the waterside of the levee.	37.977413 ° -121.103549 °	37.977413 ° -121.103549 °	131 Y	DWR ID: DWR_NA0017_16_f_2013_131

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
LWR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Start	End								Start	End	
83	7.68	7.68	Earthen Levee	Encroachments	WS En	M	EQ : Equipment			37.977000 °	37.977000 ° 162	
										-121.104234 °	-121.104234 ° Y	
										DWR ID: DWR_NA0017_16_s_2012_162		
84	7.83	7.83	Earthen Levee	Encroachments	WS En	C	PR : Prunings			37.975747 °	37.975747 ° 97	
										-121.106307 °	-121.106307 °	
										DWR ID: DWR_NA0017_16_s_2013_97		
85	7.88	7.88	Earthen Levee	Erosion / Bank Caving	WS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.			37.975278 °	37.975278 ° 105	
										-121.106970 °	-121.106970 °	
										DWR ID: DWR_NA0017_16_s_2013_105		
86	7.91	7.91	Earthen Levee	Erosion / Bank Caving	WS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.			37.975021 °	37.975021 ° 108	
										-121.107347 °	-121.107347 °	
										DWR ID: DWR_NA0017_16_s_2013_108		
87	8.34	8.34	Earthen Levee	Encroachments	WS En	M	PR : Prunings			37.971311 °	37.971311 ° 93	
										-121.113033 °	-121.113033 ° Y	
										DWR ID: DWR_NA0017_16_s_2012_93		
88	8.52	8.52	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.969499 °	37.969499 ° 113	
										-121.115052 °	-121.115052 °	
										DWR ID: DWR_NA0017_16_s_2013_113		
89	8.54	8.66	Earthen Levee	Encroachments	WS Ma	M	PR : Prunings			37.969472 °	37.969114 ° 79	
										-121.115350 °	-121.117417 ° Y	
										DWR ID: DWR_NA0017_16_s_2012_79		
90	8.61	8.65	Supplemental DWR Erosion Survey		WS Ma	M	Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Erosion occurred on a berm of approximately 25 ft wide. Site is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM14.48]				37.969213 °	37.969213 ° 214
										-121.116574 °	-121.116574 ° Y	
										DWR ID:		
91	8.62	8.62	Earthen Levee	Animal Control	LS Ma	C	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.969202 °	37.969202 ° 119	
										-121.116724 °	-121.116724 °	
										DWR ID: DWR_NA0017_16_s_2013_119		
92	8.85	8.85	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.			37.968157 °	37.968157 ° 128	
										-121.120620 °	-121.120620 ° Y	
										DWR ID: DWR_NA0017_16_s_2013_128		
93	8.94	8.94	Earthen Levee	Animal Control	WS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: Collapsed animal hole on the waterside shoulder of the levee.			37.968164 °	37.968164 ° 127	
										-121.122184 °	-121.122184 ° Y	
										DWR ID: DWR_NA0017_16_f_2013_127		
94	8.99	8.99	Supplemental DWR Erosion Survey		WS Ma	M	Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Pocket erosion at the levee toe and slope. The erosion is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM13.86]			37.966615 °	37.966615 ° 215	
										-121.127328 °	-121.127328 ° Y	
										DWR ID:		

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector	
MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start	Photo	
	Start	End						Start	End			
95	9.07	9.07	Supplemental	DWR Erosion Survey	WS	U Ma	Inspector Comments: 9/12/2013: The erosion might have been caused by river flow combined with runoff. Dense vegetation is presents at the site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM13.85]	37.967019 °	37.967019 °	217	-121.127581 °	-121.127581 ° Y
96	9.27	9.27	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection.	37.966580 °	37.966580 °	129	-121.127376 °	-121.127376 ° Y
											DWR ID: DWR_NA0017_16_s_2013_129	
97	9.39	9.41	Supplemental	DWR Erosion Survey	WS	M Ma	Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Erosion is covered with dense vegetation. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM13.72]	37.966922 °	37.966922 °	219	-121.129533 °	-121.129533 ° Y
98	9.45	9.45	Earthen Levee	Erosion / Bank Caving	WS	M Ma	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Erosion was found on the waterside toe of the levee.	37.966239 °	37.966239 °	28	-121.136172 °	-121.136172 ° Y
99	9.50	9.50	Earthen Levee	Encroachments	WS	U En	PI : Pipe Inspector Comments: PVC pipe under the crown of the levee.	37.966952 °	37.966952 °	147	-121.131360 °	-121.131360 ° Y
											DWR ID: DWR_NA0017_16_s_2012_147	
100	9.58	9.60	Supplemental	DWR Erosion Survey	WS	M Ma	Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Erosion is on berm. The berm width is estimated. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM13.53]	37.967190 °	37.967190 °	222	-121.133080 °	-121.133080 ° Y
101	9.64	9.64	Earthen Levee	Encroachments	WS	M Ma	PR : Prunings	37.966512 °	37.966512 °	64	-121.133739 °	-121.133739 ° Y
											DWR ID: DWR_NA0017_16_f_2013_64	
102	9.64	9.64	Earthen Levee	Animal Control	WS	M Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	37.966494 °	37.966494 °	125	-121.133793 °	-121.133793 ° Y
											DWR ID: DWR_NA0017_16_f_2013_125	
103	9.77	9.77	Earthen Levee	Encroachments	LS	A/W En	PI : Pipe Inspector Comments: Drain pipe from the farmer needs repair.	37.965854 °	37.965854 °	194	-121.135960 °	-121.135960 ° Y
											DWR ID: DWR_NA0017_16_s_2012_194	
104	10.16	10.18	Supplemental	DWR Erosion Survey	WS	M Ma	Inspector Comments: 9/12/2013: No significant changes observed 08/22/2012: Dense vegetation on site. There is no levee structure on site. The levee crest width and levee height were not measured or estimated in the field. [2013 Site ID:NA0017U16RM12.95]	37.964735 °	37.964735 °	223	-121.142503 °	-121.142503 ° Y
											DWR ID:	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough							Left	24.00	11/19/2013 11/25/2013	Pavel Kazi	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
105	10.77	10.77	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma			37.964159 °	37.964159 ° 91
										-121.153094 °	-121.153094 °
										DWR ID: DWR_NA0017_16_s_2012_91	
106	10.80	10.80	Earthen Levee	Vegetation	WS	M	V2 : Remove the wild growth other than native grasses Ma from the levee slopes.			37.964053 °	37.964053 ° 80
										-121.153671 °	-121.153671 °
										DWR ID: DWR_NA0017_16_s_2012_80	
107	10.83	10.83	Earthen Levee	Encroachments	WS	M	PO : Pole En			37.963807 °	37.963807 ° 81
										-121.154087 °	-121.154087 °
										DWR ID: DWR_NA0017_16_s_2012_81	
108	10.84	10.88	Earthen Levee	Vegetation	WS	M	V6 : Landscaping En			37.963704 °	37.963524 ° 159
										-121.154321 °	-121.155045 ° Y
										DWR ID: DWR_NA0017_16_s_2012_159	
109	10.87	10.87	Earthen Levee	Encroachments	WS	M	DE : Debris En			°	° 787
										°	° Y
										DWR ID: DWR_NA0017_16_s_2012_787	
110	11.06	11.06	Earthen Levee	Animal Control	WS	C	A3 : No rodents visible, but rodent burrows visible; need to Ma backfill and compact or grout burrows.			37.962653 °	37.962653 ° 138
										-121.158016 °	-121.158016 °
										DWR ID: DWR_NA0017_16_s_2013_138	
111	11.07	11.07	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma			37.962472 °	37.962472 ° 90
										-121.158112 °	-121.158112 ° Y
										DWR ID: DWR_NA0017_16_s_2012_90	
112	11.11	11.11	Earthen Levee	Erosion / Bank Caving	WS	M	E2 : Schedule repair of erosion site prior to the next Ma inspection.			37.962182 °	37.962182 ° 139
										-121.158684 °	-121.158684 ° Y
										DWR ID: DWR_NA0017_16_s_2013_139	
113	11.16	11.16	Earthen Levee	Animal Control	WS	M	A3 : No rodents visible, but rodent burrows visible; need to Ma backfill and compact or grout burrows.			37.961681 °	37.961681 ° 140
										-121.159346 °	-121.159346 ° Y
										DWR ID: DWR_NA0017_16_s_2013_140	
114	11.52	11.59	Earthen Levee	Encroachments	WS	M	EQ : Equipment En			37.960282 °	37.960118 ° 88
										-121.165380 °	-121.166580 ° Y
										DWR ID: DWR_NA0017_16_s_2012_88	
115	11.91	11.91	Earthen Levee	Animal Control	LS	C	A3 : No rodents visible, but rodent burrows visible; need to Ma backfill and compact or grout burrows.			37.960800 °	37.960800 ° 141
										-121.172309 °	-121.172309 °
										DWR ID: DWR_NA0017_16_s_2013_141	
116	12.60	12.60	Earthen Levee	Encroachments	LS	M	PO : Pole En			37.960563 °	37.960563 ° 126
										-121.184384 °	-121.184384 °
										DWR ID: DWR_NA0017_16_s_2012_126	
117	12.72	12.72	Earthen Levee	Cracking	LS	M	CR2 : Schedule repair of subsidence prior to the next Ma inspection.			37.960322 °	37.960322 ° 142
										-121.186672 °	-121.186672 ° Y
										DWR ID: DWR_NA0017_16_s_2013_142	
118	13.17	13.17	Earthen Levee	Encroachments	LS	M	PR : Prunings En	Inspector Comments: Move or remove prunings pile to allow access through the gate.		37.959425 °	37.959425 ° 148
										-121.194593 °	-121.194593 ° Y
										DWR ID: DWR_NA0017_16_s_2012_148	
119	14.58	14.58	Earthen Levee	Erosion / Bank Caving	LS	M	E2 : Schedule repair of erosion site prior to the next Ma inspection.			37.966751 °	37.966751 ° 145
										-121.216677 °	-121.216677 ° Y
										DWR ID: DWR_NA0017_16_s_2013_145	

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**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough							Left	24.00	11/19/2013 11/25/2013	Pavel Kazi	
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
120	15.91	15.91	Earthen Levee	Erosion / Bank Caving	WS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.			37.979050 ° -121.244322 °	37.979050 ° -121.244322 ° DWR ID: DWR_NA0017_16_s_2012_770
121	16.42	16.42	Earthen Levee	Erosion / Bank Caving	LS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.			37.979584 ° -121.245628 °	37.979584 ° -121.245628 ° DWR ID: DWR_NA0017_16_s_2013_146
122	16.52	16.52	Earthen Levee	Erosion / Bank Caving	LS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.			37.980191 ° -121.247052 °	37.980191 ° -121.247052 ° DWR ID: DWR_NA0017_16_s_2013_149
123	16.83	16.83	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			37.982318 ° -121.252095 °	37.982318 ° -121.252095 ° Y DWR ID: DWR_NA0017_16_s_2013_150
124	17.20	17.20	Earthen Levee	Erosion / Bank Caving	LS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			37.984870 ° -121.258018 °	37.984870 ° -121.258018 ° Y DWR ID: DWR_NA0017_16_f_2013_112
125	17.57	17.61	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.987313 ° -121.263725 °	37.987607 ° -121.264392 ° Y DWR ID: DWR_NA0017_16_s_2012_69
126	19.00	19.20	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.992385 ° -121.287251 °	37.992564 ° -121.290846 ° Y DWR ID: DWR_NA0017_16_s_2012_143
127	19.12	19.14	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.992834 ° -121.289403 °	37.992795 ° -121.289685 ° Y DWR ID: DWR_NA0017_16_s_2012_144
128	19.35	19.35	Earthen Levee	Animal Control	CR Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The hole goes at least 3 feet deep.			37.992056 ° -121.293470 °	37.992056 ° -121.293470 ° Y DWR ID: DWR_NA0017_16_s_2013_154
129	19.37	19.37	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.991948 ° -121.293828 °	37.991948 ° -121.293828 ° Y DWR ID: DWR_NA0017_16_s_2013_156
130	19.41	19.41	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.991854 ° -121.294350 °	37.991854 ° -121.294350 ° Y DWR ID: DWR_NA0017_16_s_2013_158
131	19.42	19.42	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.991803 ° -121.294654 °	37.991803 ° -121.294654 ° Y DWR ID: DWR_NA0017_16_s_2013_160
132	19.47	19.60	Earthen Levee	Encroachments	LS En	M	FE : Fence Inspector Comments: Barbed wire			37.991653 ° -121.295441 °	37.991169 ° -121.297768 ° Y DWR ID: DWR_NA0017_16_s_2012_137
133	19.48	19.48	Earthen Levee	Trim / Thin Trees	LS Ma	N	T5 : Tree stumps.			37.991617 ° -121.295628 °	37.991617 ° -121.295628 ° Y DWR ID: DWR_NA0017_16_s_2012_65
134	19.60	19.68	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.991204 ° -121.297757 °	37.991053 ° -121.299231 ° Y DWR ID: DWR_NA0017_16_s_2012_136

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough							Left	24.00	11/19/2013 11/25/2013	Pavel Kazi	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	
135	19.60	19.69	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.991171 ° 37.991044 ° 135 -121.297767 ° -121.299334 ° Y DWR ID: DWR_NA0017_16_s_2012_135	
136	19.82	19.90	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.991130 ° 37.990950 ° 134 -121.301742 ° -121.303084 ° Y DWR ID: DWR_NA0017_16_s_2012_134	
137	19.83	19.83	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.991127 ° 37.991127 ° 37 -121.301817 ° -121.301817 ° Y DWR ID: DWR_NA0017_16_f_2012_37	
138	19.84	19.84	Earthen Levee	Animal Control	LS Ma	M	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.			37.991105 ° 37.991105 ° 100 -121.302092 ° -121.302092 ° DWR ID: DWR_NA0017_16_f_2013_100	
139	19.90	19.91	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.990948 ° 37.990903 ° 133 -121.303099 ° -121.303354 ° Y DWR ID: DWR_NA0017_16_s_2012_133	
140	20.04	20.04	Earthen Levee	Encroachments	LS En	U	FE : Fence			37.989681 ° 37.989681 ° 78 -121.305221 ° -121.305221 ° Y DWR ID: DWR_NA0017_16_s_2012_78	
141	20.05	20.05	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.989382 ° 37.989382 ° 36 -121.305158 ° -121.305158 ° Y DWR ID: DWR_NA0017_16_s_2012_36	
142	20.08	20.08	Earthen Levee	Vegetation	LS En	U	V6 : Landscaping			37.989032 ° 37.989032 ° 35 -121.305465 ° -121.305465 ° DWR ID: DWR_NA0017_16_s_2012_35	
143	20.09	20.09	Earthen Levee	Vegetation	LS En	U	V6 : Landscaping			37.988942 ° 37.988942 ° 34 -121.305548 ° -121.305548 ° DWR ID: DWR_NA0017_16_s_2012_34	
144	20.11	20.11	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.988632 ° 37.988632 ° 33 -121.305733 ° -121.305733 ° DWR ID: DWR_NA0017_16_s_2012_33	
145	20.13	20.13	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.988436 ° 37.988436 ° 77 -121.305966 ° -121.305966 ° DWR ID: DWR_NA0017_16_s_2012_77	
146	20.15	20.15	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.988215 ° 37.988215 ° 32 -121.305940 ° -121.305940 ° DWR ID: DWR_NA0017_16_s_2012_32	
147	20.16	20.16	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.988035 ° 37.988035 ° 31 -121.306035 ° -121.306035 ° DWR ID: DWR_NA0017_16_s_2012_31	
148	20.17	20.17	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.987907 ° 37.987907 ° 30 -121.306102 ° -121.306102 ° DWR ID: DWR_NA0017_16_s_2012_30	
149	20.18	20.18	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.987723 ° 37.987723 ° 29 -121.306157 ° -121.306157 ° DWR ID: DWR_NA0017_16_s_2012_29	
150	20.23	20.23	Earthen Levee	Encroachments	LS En	U	FE : Fence			37.987093 ° 37.987093 ° 27 -121.306495 ° -121.306495 ° Y DWR ID: DWR_NA0017_16_s_2012_27	

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**Levee Inspections**

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**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment	GPS Latitude/Longitude		Issue No. Start
	Levee Mile	Start						Photo	End	
151	20.25	20.25	Earthen Levee	Vegetation	LS	U	V6 : Landscaping En	37.986857 °	37.986857 °	26
								-121.306602 °	-121.306602 °	
								DWR ID: DWR_NA0017_16_s_2012_26		
152	20.26	20.26	Earthen Levee	Encroachments	LS	M	TA : Tank En Inspector Comments: An unpermitted tank was found on the landside toe of the levee.	37.986848 °	37.986848 °	161
								-121.306716 °	-121.306716 °	Y
								DWR ID: DWR_NA0017_16_s_2013_161		
153	20.26	20.28	Earthen Levee	Encroachments	LS	M	FE : Fence En	37.986906 °	37.986619 °	132
								-121.306688 °	-121.306892 °	Y
								DWR ID: DWR_NA0017_16_s_2012_132		
154	20.45	20.48	Earthen Levee	Vegetation	LS	M	V6 : Landscaping En	37.984576 °	37.984215 °	178
								-121.308320 °	-121.308818 °	Y
								DWR ID: DWR_NA0017_16_s_2012_178		
155	20.83	20.83	Earthen Levee	Vegetation	LS	M	V6 : Landscaping En	37.980958 °	37.980958 °	130
								-121.313596 °	-121.313596 °	Y
								DWR ID: DWR_NA0017_16_s_2012_130		
156	20.97	20.97	Earthen Levee	Encroachments	WS	M	TA : Tank En Inspector Comments: It appears to be a compressor on the waterside shoulder of the levee.	37.979679 °	37.979679 °	174
								-121.315359 °	-121.315359 °	Y
								DWR ID: DWR_NA0017_16_s_2013_174		
157	21.17	21.17	Earthen Levee	Encroachments	LS	U	FE : Fence En	37.978855 °	37.978855 °	25
								-121.319108 °	-121.319108 °	
								DWR ID: DWR_NA0017_16_s_2012_25		
158	21.18	21.18	Earthen Levee	Encroachments	LS	U	FE : Fence En	37.978958 °	37.978958 °	24
								-121.319258 °	-121.319258 °	
								DWR ID: DWR_NA0017_16_s_2012_24		
159	21.20	21.20	Earthen Levee	Encroachments	LS	U	FE : Fence En	37.979107 °	37.979107 °	23
								-121.319415 °	-121.319415 °	Y
								DWR ID: DWR_NA0017_16_s_2012_23		
160	21.26	21.26	Earthen Levee	Trim / Thin Trees	LS	N	T5 : Tree stumps. Ma	37.979739 °	37.979739 °	95
								-121.319993 °	-121.319993 °	
								DWR ID: DWR_NA0017_16_s_2012_95		
161	21.29	21.29	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to Ma backfill and compact or grout burrows.	37.980012 °	37.980012 °	94
								-121.320317 °	-121.320317 °	Y
								DWR ID: DWR_NA0017_16_f_2013_94		
162	21.30	21.30	Earthen Levee	Trim / Thin Trees	LS	N	T5 : Tree stumps. Ma	37.980085 °	37.980085 °	84
								-121.320448 °	-121.320448 °	
								DWR ID: DWR_NA0017_16_s_2012_84		
163	21.31	21.31	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	C1 : Add appropriate material and re-grade the levee to Ma bring the crown above the design elevation.	37.980156 °	37.980156 °	86
								-121.320615 °	-121.320615 °	Y
								DWR ID: DWR_NA0017_16_f_2013_86		
164	21.31	21.31	Earthen Levee	Animal Control	LS	M	A3 : No rodents visible, but rodent burrows visible; need to Ma backfill and compact or grout burrows.	37.980192 °	37.980192 °	83
								-121.320720 °	-121.320720 °	Y
								DWR ID: DWR_NA0017_16_f_2013_83		
165	21.36	21.36	Earthen Levee	Erosion / Bank Caving	WS	M	E2 : Schedule repair of erosion site prior to the next Ma inspection.	37.980426 °	37.980426 °	14
								-121.321599 °	-121.321599 °	Y
								DWR ID: DWR_NA0017_16_f_2012_14		

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MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End

166	21.37	21.37	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			37.980477 ° -121.321656 °	37.980477 ° -121.321656 °	175 Y
										DWR ID: DWR_NA0017_16_s_2013_175		
167	21.44	21.44	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			37.980569 ° -121.322985 °	37.980569 ° -121.322985 °	197 Y
										DWR ID: DWR_NA0017_16_s_2013_197		
168	21.52	21.52	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			37.980845 ° -121.324241 °	37.980845 ° -121.324241 °	82 Y
										DWR ID: DWR_NA0017_16_f_2013_82		
169	21.54	21.54	Earthen Levee	Encroachments	WS Ma	M	PI : Pipe			° °	° °	761 Y
										DWR ID: DWR_NA0017_16_s_2012_761		
170	21.54	21.54	Earthen Levee	Encroachments	WS Ma	M	PR : Prunings			37.980847 ° -121.324754 °	37.980847 ° -121.324754 °	76 Y
										DWR ID: DWR_NA0017_16_f_2013_76		
171	21.58	21.58	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.980918 ° -121.325630 °	37.980918 ° -121.325630 °	22
										DWR ID: DWR_NA0017_16_s_2012_22		
172	21.64	21.64	Earthen Levee	Encroachments	WS Ma	C	DE : Debris			37.981219 ° -121.326398 °	37.981219 ° -121.326398 °	199
										DWR ID: DWR_NA0017_16_s_2013_199		
173	21.64	21.64	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.981132 ° -121.326753 °	37.981132 ° -121.326753 °	21 Y
										DWR ID: DWR_NA0017_16_s_2012_21		
174	21.71	21.71	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.981185 ° -121.327822 °	37.981185 ° -121.327822 °	20 Y
										DWR ID: DWR_NA0017_16_s_2012_20		
175	21.73	21.73	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.980972 ° -121.328217 °	37.980972 ° -121.328217 °	19
										DWR ID: DWR_NA0017_16_s_2012_19		
176	21.78	21.78	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection. Inspector Comments: Runoff			37.980773 ° -121.328866 °	37.980773 ° -121.328866 °	74 Y
										DWR ID: DWR_NA0017_16_f_2013_74		
177	21.82	21.82	Earthen Levee	Encroachments	WS Ma	C	PR : Prunings			37.980549 ° -121.329478 °	37.980549 ° -121.329478 °	202
										DWR ID: DWR_NA0017_16_s_2013_202		
178	21.83	21.83	Earthen Levee	Encroachments	WS Ma	M	DE : Debris			37.980543 ° -121.329590 °	37.980543 ° -121.329590 °	70 Y
										DWR ID: DWR_NA0017_16_f_2013_70		
179	21.84	21.84	Earthen Levee	Encroachments	WS En	M	RW : Retaining Wall			37.980529 ° -121.329822 °	37.980529 ° -121.329822 °	67 Y
							Inspector Comments: Retaining wall on waterside toe of the levee.					DWR ID: DWR_NA0017_16_s_2012_67
180	21.85	21.85	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.980288 ° -121.330173 °	37.980288 ° -121.330173 °	17
												DWR ID: DWR_NA0017_16_s_2012_17

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough							Left	24.00	11/19/2013 11/25/2013	Pavel Kazi	
MR No	Levee Mile		Category	Item	* Location	* Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	End
181	21.88	21.88	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.980178 ° -121.330588 °	16
										DWR ID: DWR_NA0017_16_s_2012_16	
182	21.90	21.90	Earthen Levee	Vegetation	WS En	M	V6 : Landscaping			37.980042 ° -121.330953 °	15
										DWR ID: DWR_NA0017_16_s_2012_15	Y
183	21.91	21.91	Earthen Levee	Encroachments	WS En	M	ST : Stairway			37.980147 ° -121.330945 °	9
										DWR ID: DWR_NA0017_16_f_2012_9	
184	21.91	21.91	Earthen Levee	Encroachments	LS En	U	FE : Fence			37.980147 ° -121.330947 °	12
										DWR ID: DWR_NA0017_16_f_2012_12	Y
185	21.97	21.97	Earthen Levee	Vegetation	WS En	M	V6 : Landscaping			37.979652 ° -121.332265 °	11
										DWR ID: DWR_NA0017_16_s_2012_11	
186	22.08	22.08	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.979820 ° -121.334107 °	8
										DWR ID: DWR_NA0017_16_s_2012_8	
187	22.13	22.13	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.979717 ° -121.335107 °	7
										DWR ID: DWR_NA0017_16_s_2012_7	
188	22.15	22.15	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.979598 ° -121.335428 °	6
										DWR ID: DWR_NA0017_16_s_2012_6	
189	22.15	22.15	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			37.979674 ° -121.335228 °	68
										DWR ID: DWR_NA0017_16_f_2012_68	
190	22.17	22.37	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.979630 ° -121.335440 °	118
										DWR ID: DWR_NA0017_16_s_2012_118	Y
191	22.17	22.18	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.979622 ° -121.335440 °	124
							Inspector Comments: Metal open fence			DWR ID: DWR_NA0017_16_s_2012_124	
192	22.19	22.21	Earthen Levee	Encroachments	LS En	U	FE : Fence			37.979453 ° -121.335830 °	123
							Inspector Comments: Solid wood fence			DWR ID: DWR_NA0017_16_s_2012_123	
193	22.19	22.21	Earthen Levee	Encroachments	WS En	M	FE : Fence			37.979505 ° -121.335823 °	122
										DWR ID: DWR_NA0017_16_s_2012_122	
194	22.21	22.21	Earthen Levee	Encroachments	WS En	M	PI : Pipe			° °	115
							Inspector Comments: Abandoned pipe was found on the waterside shoulder of the levee.				
										DWR ID: DWR_NA0017_16_s_2012_115	
195	22.26	22.30	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.979391 ° -121.337067 °	121
							Inspector Comments: Open wood fence			DWR ID: DWR_NA0017_16_s_2012_121	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 16 Mormon Slough							Left	24.00	11/19/2013 11/25/2013	Pavel Kazi	
MR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	
196	22.27	22.28	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.979393 ° -121.337241 °	37.979401 ° -121.337502 ° Y
										DWR ID: DWR_NA0017_16_s_2012_66	
197	22.30	22.30	Earthen Levee	Slope Stability	WS Ma	M	S1 : Repair slope instability.			37.979412 ° -121.337810 °	37.979412 ° -121.337810 ° Y
										DWR ID: DWR_NA0017_16_s_2013_203	
198	22.37	22.43	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.979454 ° -121.339031 °	37.979138 ° -121.340034 ° Y
										DWR ID: DWR_NA0017_16_s_2012_117	
199	22.41	22.41	Earthen Levee	Erosion / Bank Caving	WS Ma	M	E2 : Schedule repair of erosion site prior to the next inspection.			37.979251 ° -121.340012 °	37.979251 ° -121.340012 ° Y
										DWR ID: DWR_NA0017_16_f_2013_62	
200	22.43	22.46	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.979094 ° -121.340095 °	37.978845 ° -121.340572 ° Y
							Inspector Comments: Post and cable fence			DWR ID: DWR_NA0017_16_s_2012_116	
201	22.52	22.52	Earthen Levee	Erosion / Bank Caving	WS Ma	U	E2 : Schedule repair of erosion site prior to the next inspection.			37.978697 ° -121.341581 °	37.978697 ° -121.341581 ° 48 Y
							Inspector Comments: Waterward bank damaged under I-5 and shows significant erosion. Currently, Caltrans is repairing the issue. (Permit # 18532)			DWR ID: DWR_NA0017_16_s_2012_48	
202	22.52	22.57	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.978464 ° -121.341620 °	37.978208 ° -121.342190 ° Y
							Inspector Comments: Post and cable fence			DWR ID: DWR_NA0017_16_s_2012_114	
203	22.58	22.87	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.978078 ° -121.342523 °	37.975086 ° -121.346027 ° Y
										DWR ID: DWR_NA0017_16_s_2012_111	
204	22.58	22.87	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.978081 ° -121.342519 °	37.975086 ° -121.346027 ° Y
										DWR ID: DWR_NA0017_16_s_2012_110	
205	22.76	22.76	Earthen Levee	Encroachments	WS Ma	M	DE : Debris			37.976308 ° -121.344698 °	37.976308 ° -121.344698 ° 43 Y
										DWR ID: DWR_NA0017_16_f_2013_43	
206	22.77	22.77	Earthen Levee	Encroachments	WS En	M	BU : Building			37.976226 ° -121.344848 °	37.976226 ° -121.344848 ° 204 Y
							Inspector Comments: Unpermitted dock			DWR ID: DWR_NA0017_16_s_2013_204	
207	22.87	22.89	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.975087 ° -121.346027 °	37.974883 ° -121.346298 ° 109 Y
										DWR ID: DWR_NA0017_16_s_2012_109	
208	22.89	23.08	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.974889 ° -121.346274 °	37.973127 ° -121.348756 ° 46
										DWR ID: DWR_NA0017_16_s_2012_46	
209	22.90	23.08	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping			37.974873 ° -121.346318 °	37.973108 ° -121.348819 ° 107
										DWR ID: DWR_NA0017_16_s_2012_107	
210	22.90	23.08	Earthen Levee	Encroachments	LS En	M	FE : Fence			37.974869 ° -121.346317 °	37.973108 ° -121.348820 ° 106 Y
										DWR ID: DWR_NA0017_16_s_2012_106	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector		
L/MR No	Levee Mile		Category	Item	* Location Start	* Rating +	Action/Comment			GPS Latitude/Longitude	Issue No.	
	Levee Mile	Start					Start	End	Photo			
211	22.97	22.97	Earthen Levee	Trim / Thin Trees	LS Ma	M	T2 : Thin trees to allow visibility of the ground and room to flood fight.	37.974021 °	37.974021 °	47	-121.347208 °	-121.347208 ° Y
										DWR ID: DWR_NA0017_16_f_2013_47		
212	23.05	23.05	Earthen Levee	Vegetation	WS Ma	M	V2 : Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arrundo on the waterside of the levee.	37.973386 °	37.973386 °	45	-121.348241 °	-121.348241 ° Y
										DWR ID: DWR_NA0017_16_f_2012_45		
213	23.07	23.07	Earthen Levee	Encroachments	WS Ma	M	ST : Stairway	37.973205 °	37.973205 °	18	-121.348633 °	-121.348633 ° Y
										DWR ID: DWR_NA0017_16_f_2012_18		
214	23.08	23.22	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.973094 °	37.971660 °	104	-121.348809 °	-121.350233 ° Y
										DWR ID: DWR_NA0017_16_s_2012_104		
215	23.24	23.27	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	37.971257 °	37.970858 °	103	-121.350300 °	-121.350450 ° Y
										DWR ID: DWR_NA0017_16_s_2012_103		
216	23.30	23.34	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.970546 °	37.970021 °	101	-121.350571 °	-121.350884 °
										DWR ID: DWR_NA0017_16_s_2012_101		
217	23.30	23.34	Earthen Levee	Vegetation	LS En	M	V6 : Landscaping	37.970537 °	37.970019 °	102	-121.350571 °	-121.350884 °
										DWR ID: DWR_NA0017_16_s_2012_102		
218	23.70	23.70	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.968392 °	37.968392 °	192	-121.355721 °	-121.355721 ° Y
										DWR ID: DWR_NA0017_16_s_2012_192		
219	23.70	24.00	Earthen Levee	Vegetation	LS En	U	V6 : Landscaping	37.968510 °	37.966144 °	2	-121.355729 °	-121.360210 °
										DWR ID: DWR_NA0017_16_s_2012_2		
220	23.70	24.00	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.968438 °	37.965997 °	182	-121.355882 °	-121.360479 ° Y
							Inspector Comments: Chainlink fence along the landward slope.			DWR ID: DWR_NA0017_16_s_2012_182		
221	23.80	23.80	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.968015 °	37.968015 °	191	-121.356672 °	-121.356672 °
										DWR ID: DWR_NA0017_16_s_2012_191		
222	23.85	23.85	Earthen Levee	Encroachments	LS En	M	PO : Pole	37.967204 °	37.967204 °	189	-121.357065 °	-121.357065 °
										DWR ID: DWR_NA0017_16_s_2012_189		
223	23.85	23.85	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.967260 °	37.967260 °	190	-121.357079 °	-121.357079 °
										DWR ID: DWR_NA0017_16_s_2012_190		
224	23.90	23.90	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.966926 °	37.966926 °	188	-121.358367 °	-121.358367 °
										DWR ID: DWR_NA0017_16_s_2012_188		
225	23.91	23.91	Earthen Levee	Encroachments	WS En	M	PO : Pole	37.966937 °	37.966937 °	187	-121.358338 °	-121.358338 °
										DWR ID: DWR_NA0017_16_s_2012_187		

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment			GPS Latitude/Longitude	Issue No.
	Start	End								Start	Photo
226	23.92	23.92	Earthen Levee	Encroachments	WS	M	PO : Pole En			37.966946 ° 37.966946 ° 186 -121.358722 ° -121.358722 ° DWR ID: DWR_NA0017_16_s_2012_186	
227	23.95	23.95	Earthen Levee	Encroachments	WS	M	PO : Pole En			37.966596 ° 37.966596 ° 185 -121.359446 ° -121.359446 ° DWR ID: DWR_NA0017_16_s_2012_185	
228	24.00	24.00	Earthen Levee	Encroachments	WS	M	PO : Pole En			37.966169 ° 37.966169 ° 184 -121.360073 ° -121.360073 ° DWR ID: DWR_NA0017_16_s_2012_184	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	0.13
End Levee Mile	0.47
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of erosion. Looking from the right side of the river.	
	
SJR2013_NA0017U16RM23.35_1.jpg	

Levee Mile Report Line	5
Start Levee Mile	0.54
End Levee Mile	0.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A building was located on the waterside shoulder of the levee looking upstream.	
	
pkazi_f_20131001_447.jpg	

Levee Mile Report Line	7
Start Levee Mile	0.81
End Levee Mile	0.81
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside shoulder of the levee looking upstream.	
	
pkazi_f_20131001_446.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	9
Start Levee Mile	0.83
End Levee Mile	0.89
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of landowner maintained landscaping on waterward side looking upstream.

pkazi\_f\_20131001\_504.jpg



Levee Mile Report Line	10
Start Levee Mile	0.97
End Levee Mile	0.99
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of erosion.

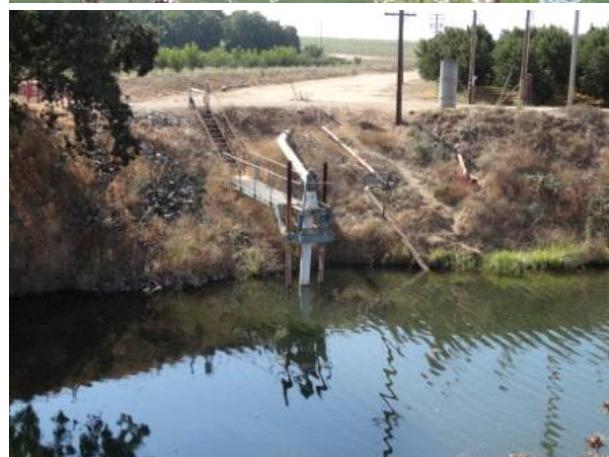
SJR2013\_NA0017U16RM22.74\_2.jpg



Levee Mile Report Line	11
Start Levee Mile	1.13
End Levee Mile	1.13
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of erosion. Note the irrigation pipe at the erosion site.

SJR2013\_NA0017U16RM22.58\_2.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	13
Start Levee Mile	1.48
End Levee Mile	1.48
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_438.JPG	



Levee Mile Report Line	14
Start Levee Mile	1.59
End Levee Mile	1.59
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Close view at the erosion.	
SJR2013_NA0017U16RM22.15_2.jpg	



Levee Mile Report Line	15
Start Levee Mile	1.74
End Levee Mile	1.75
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of the pocket erosion.	
SJR2013_NA0017U16RM22.01_2.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	16
Start Levee Mile	1.75
End Levee Mile	1.76
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of erosion site.



SJR2013\_NA0017U16RM21.95\_1.jpg

Levee Mile Report Line	17
Start Levee Mile	1.77
End Levee Mile	1.78
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking downstream at the erosion.



SJR2013\_NA0017U16RM21.94\_1.jpg

Levee Mile Report Line	18
Start Levee Mile	1.93
End Levee Mile	1.95
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of the erosion.



SJR2013\_NA0017U16RM21.05\_3.jpg

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	20
Start Levee Mile	1.95
End Levee Mile	1.95
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_398.JPG	



Levee Mile Report Line	21
Start Levee Mile	1.95
End Levee Mile	1.95
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A concrete pad was found on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131001_395.JPG	



Levee Mile Report Line	22
Start Levee Mile	1.97
End Levee Mile	1.97
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside of the levee looking downstream.	
pkazi_f_20131126_095.JPG	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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+ Issue Type
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Ob : Design & System Obsolescence
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	24
Start Levee Mile	2.31
End Levee Mile	2.32
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of the erosion. Site is covered with vegetation and trees.	
SJR2013_NA0017U16RM20.71_2.jpg	



Levee Mile Report Line	25
Start Levee Mile	2.37
End Levee Mile	2.38
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Close view of erosion. Note the vegetation at the site.	
SJR2013_NA0017U16RM20.62_2.jpg	



Levee Mile Report Line	27
Start Levee Mile	2.42
End Levee Mile	2.42
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside of the levee looking upstream.	
pkazi_f_20131001_517.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	27
Start Levee Mile	2.42
End Levee Mile	2.42
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Updated picture of the slope instability on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131001_518.jpg	



Levee Mile Report Line	29
Start Levee Mile	2.47
End Levee Mile	2.47
Location	Crown
Category	Earthen Levee
Item	Animal Control
Rodent holes were found on the crown of the levee looking upstream.	
pkazi_f_20131126_094.JPG	



Levee Mile Report Line	32
Start Levee Mile	3.00
End Levee Mile	3.06
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of erosion.	
SJR2013_NA0017U16RM20_2.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	33
Start Levee Mile	3.35
End Levee Mile	3.35
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking upstream.	
<i>pkazi_f_20131001_419.jpg</i>	



Levee Mile Report Line	34
Start Levee Mile	3.52
End Levee Mile	3.52
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking downstream.	
<i>pkazi_f_20131001_420.JPG</i>	



Levee Mile Report Line	35
Start Levee Mile	3.59
End Levee Mile	3.59
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Arundo was found on the waterside toe of the levee looking upstream.	
<i>pkazi_f_20131126_093.JPG</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	36
Start Levee Mile	3.65
End Levee Mile	3.65
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Slope instability was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_521.jpg	



Levee Mile Report Line	36
Start Levee Mile	3.65
End Levee Mile	3.65
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_522.JPG	



Levee Mile Report Line	37
Start Levee Mile	3.66
End Levee Mile	3.66
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131001_516.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	40
Start Levee Mile	3.78
End Levee Mile	3.78
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking upstream.	
<i>pkazi_f_20131001_421.jpg</i>	



Levee Mile Report Line	43
Start Levee Mile	3.89
End Levee Mile	3.91
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Closer view at the erosion.	
<i>SJR2013_NA0017U16RM19.18_2.jpg</i>	



Levee Mile Report Line	46
Start Levee Mile	4.32
End Levee Mile	4.34
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of erosion.	
<i>SJR2013_NA0017U16RM18.69_2.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	48
Start Levee Mile	4.34
End Levee Mile	4.34
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_520.JPG	



Levee Mile Report Line	49
Start Levee Mile	4.43
End Levee Mile	4.43
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_434.JPG	



Levee Mile Report Line	49
Start Levee Mile	4.43
End Levee Mile	4.43
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion on the waterside of the levee looking upstream.	
pkazi_f_20131126_092.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	52
Start Levee Mile	5.03
End Levee Mile	5.03
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

View from right river bank.



SJR2013\_NA0017U16RM17.99\_1.jpg

Levee Mile Report Line	53
Start Levee Mile	5.20
End Levee Mile	5.20
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

A pipe was running on top of the levee crown looking downstream. It appears to have 6 inches of soil cover over the pipe.



pkazi\_f\_20131001\_443.JPG

Levee Mile Report Line	54
Start Levee Mile	5.21
End Levee Mile	5.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Debris was found on the waterside of the levee looking upstream.



pkazi\_f\_20131001\_508.jpg

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	54
Start Levee Mile	5.21
End Levee Mile	5.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete debris was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_509.jpg	



Levee Mile Report Line	57
Start Levee Mile	5.52
End Levee Mile	5.57
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of the site.	
SJR2013_NA0017U16RM17.81_2.jpg	



Levee Mile Report Line	58
Start Levee Mile	5.55
End Levee Mile	5.57
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking from right river bank.	
SJR2013_NA0017U16RM17.27_1.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	58
Start Levee Mile	5.55
End Levee Mile	5.57
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking from right river bank.	
	
SJR2013_NA0017U16RM17.27_2.jpg	

Levee Mile Report Line	59
Start Levee Mile	5.83
End Levee Mile	5.83
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking upstream.	
	
pkazi_f_20131001_422.jpg	

Levee Mile Report Line	61
Start Levee Mile	5.94
End Levee Mile	5.94
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of equipment located on the waterward side looking upstream.	
	
pkazi_f_20131001_498.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	69
Start Levee Mile	6.32
End Levee Mile	6.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a large prunings pile on waterward side and access road blocking visibility and access looking upstream.	
pkazi_f_20131001_423.jpg	



Levee Mile Report Line	69
Start Levee Mile	6.32
End Levee Mile	6.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking upstream. This picture was taken during fall 2011 inspection.	
pkazi_f_20131001_424.jpg	



Levee Mile Report Line	69
Start Levee Mile	6.32
End Levee Mile	6.32
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of the prunings pile on the waterside shoulder of the levee looking upstream during fall 2013 inspection.	
pkazi_f_20131126_091.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	70
Start Levee Mile	6.35
End Levee Mile	6.35
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside of the levee looking upstream.	
pkazi_f_20131001_497.jpg	



Levee Mile Report Line	72
Start Levee Mile	6.72
End Levee Mile	6.91
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking at the upstream end of erosion site.	
SJR2013_NA0017U16RM16.27_1.jpg	



Levee Mile Report Line	73
Start Levee Mile	6.82
End Levee Mile	6.82
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131126_090.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	75
Start Levee Mile	7.01
End Levee Mile	7.01
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Cacti were found on the waterside of the levee looking upstream.	
pkazi_f_20131001_425.jpg	



Levee Mile Report Line	77
Start Levee Mile	7.29
End Levee Mile	7.29
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_496.jpg	



Levee Mile Report Line	78
Start Levee Mile	7.35
End Levee Mile	7.41
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Close view of erosion.	
SJR2013_NA0017U16RM10.82_2.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	79
Start Levee Mile	7.37
End Levee Mile	7.37
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris and prunings were found on the waterside of the levee looking upstream.	
pkazi_f_20131001_426.jpg	



Levee Mile Report Line	81
Start Levee Mile	7.57
End Levee Mile	7.57
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A possible beaver den was found on waterside slope of the levee. The picture was taken from the opposite bank of the levee.	
pkazi_f_20131001_519.jpg	



Levee Mile Report Line	82
Start Levee Mile	7.63
End Levee Mile	7.63
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion due to runoff was found on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131126_088.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	83
Start Levee Mile	7.68
End Levee Mile	7.68
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Equipment was found on the waterside of the levee looking upstream.	
pkazi_f_20131001_495.jpg	



Levee Mile Report Line	87
Start Levee Mile	8.34
End Levee Mile	8.34
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the landside of the levee looking upstream.	
pkazi_f_20131001_444.jpg	



Levee Mile Report Line	89
Start Levee Mile	8.54
End Levee Mile	8.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking upstream.	
pkazi_f_20131001_437.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	90
Start Levee Mile	8.61
End Levee Mile	8.65
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking at the site from right river bank.



SJR2013\_NA0017U16RM14.48\_1.jpg

Levee Mile Report Line	92
Start Levee Mile	8.85
End Levee Mile	8.85
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was found on the waterside slope of the levee looking downstream.



pkazi\_f\_20131001\_467.JPG

Levee Mile Report Line	93
Start Levee Mile	8.94
End Levee Mile	8.94
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A collapsed animal hole was found on the waterside shoulder of the levee looking upstream.



pkazi\_f\_20131126\_087.JPG

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	94
Start Levee Mile	8.99
End Levee Mile	8.99
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Front view of erosion.



SJR2013\_NA0017U16RM13.86\_1.jpg

Levee Mile Report Line	95
Start Levee Mile	9.07
End Levee Mile	9.07
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

Looking at the site from right river bank.



SJR2013\_NA0017U16RM13.85\_1.jpg

Levee Mile Report Line	96
Start Levee Mile	9.27
End Levee Mile	9.27
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion was found on the waterside slope of the levee looking upstream.



pkazi\_f\_20131001\_468.JPG

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	97
Start Levee Mile	9.39
End Levee Mile	9.41
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking downstream at the erosion.	
	
SJR2013_NA0017U16RM13.72_1.jpg	

Levee Mile Report Line	98
Start Levee Mile	9.45
End Levee Mile	9.45
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of the erosion on the waterside toe of the levee looking from the opposite side of the levee.	
	
pkazi_f_20131119_059.JPG	

Levee Mile Report Line	99
Start Levee Mile	9.50
End Levee Mile	9.50
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A PVC pipe was found on the waterside slope of the levee looking upstream.	
	
pkazi_f_20131001_485.jpg	

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	100
Start Levee Mile	9.58
End Levee Mile	9.60
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Looking downstream at the erosion.	
	
SJR2013_NA0017U16RM13.53_1.jpg	

Levee Mile Report Line	101
Start Levee Mile	9.64
End Levee Mile	9.64
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking upstream.	
	
pkazi_f_20131001_427.jpg	

Levee Mile Report Line	102
Start Levee Mile	9.64
End Levee Mile	9.64
Location	Water Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the waterside shoulder of the levee looking upstream.	
	
pkazi_f_20131126_086.JPG	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	103
Start Levee Mile	9.77
End Levee Mile	9.77
Location	Land Side
Category	Earthen Levee
Item	Encroachments
An abandon pipe was left by the farmer. The picture was taken from the toe of the landside of the levee looking upstream.	
pkazi_f_20131001_507.jpg	



Levee Mile Report Line	104
Start Levee Mile	10.16
End Levee Mile	10.18
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey
Front view of erosion.	
SJR2013_NA0017U16RM12.95_4.jpg	



Levee Mile Report Line	108
Start Levee Mile	10.84
End Levee Mile	10.88
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of landscaping on waterward side looking upstream.	
pkazi_f_20131001_492.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	109
Start Levee Mile	10.87
End Levee Mile	10.87
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Concrete debris was found on the waterside of the levee looking upstream.	
pkazi_f_20131001_556.jpg	



Levee Mile Report Line	111
Start Levee Mile	11.07
End Levee Mile	11.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking downstream.	
pkazi_f_20131001_441.jpg	



Levee Mile Report Line	111
Start Levee Mile	11.07
End Levee Mile	11.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_442.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	112
Start Levee Mile	11.11
End Levee Mile	11.11
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_477.JPG	



Levee Mile Report Line	113
Start Levee Mile	11.16
End Levee Mile	11.16
Location	Water Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_478.JPG	



Levee Mile Report Line	114
Start Levee Mile	11.52
End Levee Mile	11.59
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Equipment was found on the waterside of the levee looking upstream.	
pkazi_f_20131001_439.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	117
Start Levee Mile	12.72
End Levee Mile	12.72
Location	Land Side
Category	Earthen Levee
Item	Cracking
Cracking was found on the landside shoulder of the levee looking upstream.	
pkazi_f_20131122_083.JPG	



Levee Mile Report Line	118
Start Levee Mile	13.17
End Levee Mile	13.17
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a prunings pile along the landward toe of an access ramp. Pile is blocking access through this gate.	
pkazi_f_20131001_486.jpg	



Levee Mile Report Line	119
Start Levee Mile	14.58
End Levee Mile	14.58
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the landside of the levee looking upstream.	
pkazi_f_20131001_483.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	119
Start Levee Mile	14.58
End Levee Mile	14.58
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of the erosion due to runoff on the landside of the levee looking upstream.	
pkazi_f_20131122_082.JPG	



11/21/2013

Levee Mile Report Line	123
Start Levee Mile	16.83
End Levee Mile	16.83
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the landside of the levee looking downstream.	
pkazi_f_20131001_488.JPG	



05/08/2013

Levee Mile Report Line	124
Start Levee Mile	17.20
End Levee Mile	17.20
Location	Land Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion due to runoff was found on the landside slope of the levee looking upstream.	
pkazi_f_20131122_081.JPG	



11/21/2013

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	125
Start Levee Mile	17.57
End Levee Mile	17.61
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	pkazi_f_20131001_432.jpg



Levee Mile Report Line	126
Start Levee Mile	19.00
End Levee Mile	19.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward toe looking upstream.	pkazi_f_20131001_481.jpg



Levee Mile Report Line	127
Start Levee Mile	19.12
End Levee Mile	19.14
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along the landward toe.	pkazi_f_20131001_482.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	128
Start Levee Mile	19.35
End Levee Mile	19.35
Location	Crown
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the crown of the levee looking downstream. The hole was measured to be 3 feet deep.	
pkazi_f_20131001_489.JPG	



Levee Mile Report Line	129
Start Levee Mile	19.37
End Levee Mile	19.37
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside of the levee looking downstream.	
pkazi_f_20131001_490.JPG	



Levee Mile Report Line	130
Start Levee Mile	19.41
End Levee Mile	19.41
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside of the levee looking towards the crown.	
pkazi_f_20131001_491.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	131
Start Levee Mile	19.42
End Levee Mile	19.42
Location	Land Side
Category	Earthen Levee
Item	Animal Control
Animal holes were found on the landside of the levee looking upstream.	
pkazi_f_20131001_493.JPG	



Levee Mile Report Line	132
Start Levee Mile	19.47
End Levee Mile	19.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a barbed wire fence and landscaping along the landward shoulder and slope looking upstream.	
pkazi_f_20131001_475.jpg	



Levee Mile Report Line	133
Start Levee Mile	19.48
End Levee Mile	19.48
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree stump was found on the landside of the levee looking upstream.	
pkazi_f_20131001_428.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	134
Start Levee Mile	19.60
End Levee Mile	19.68
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the landscaping on the landside shoulder of the levee looking downstream.	
pkazi_f_20131001_474.JPG	



Levee Mile Report Line	135
Start Levee Mile	19.60
End Levee Mile	19.69
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward slope looking upstream.	
pkazi_f_20131001_473.jpg	



Levee Mile Report Line	136
Start Levee Mile	19.82
End Levee Mile	19.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward toe looking upstream.	
pkazi_f_20131001_472.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	137
Start Levee Mile	19.83
End Levee Mile	19.83
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping was found on the landside shoulder of the levee looking upstream.	
<i>pkazi_f_20131001_407.jpg</i>	



Levee Mile Report Line	139
Start Levee Mile	19.90
End Levee Mile	19.91
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wire fence was found on the toe of landside of the levee looking downstream.	
<i>pkazi_f_20131001_471.jpg</i>	



Levee Mile Report Line	140
Start Levee Mile	20.04
End Levee Mile	20.04
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fences were obstructing the landside slope of the levee looking downstream.	
<i>pkazi_f_20131001_436.JPG</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	141
Start Levee Mile	20.05
End Levee Mile	20.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wooden fence on the landside of the levee looking upstream.	
pkazi_f_20131001_406.jpg	



Levee Mile Report Line	150
Start Levee Mile	20.23
End Levee Mile	20.23
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A fence was found on the landside shoulder of the levee looking upstream.	
pkazi_f_20131001_405.jpg	



Levee Mile Report Line	152
Start Levee Mile	20.26
End Levee Mile	20.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A newly installed tank (unpermitted) was found on the landside toe of the levee looking downstream.	
pkazi_f_20131001_494.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	153
Start Levee Mile	20.26
End Levee Mile	20.28
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward slope looking upstream.	
pkazi_f_20131001_470.jpg	



Levee Mile Report Line	154
Start Levee Mile	20.45
End Levee Mile	20.48
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping was found on the toe of landside of the levee looking upstream.	
pkazi_f_20131001_503.jpg	



Levee Mile Report Line	155
Start Levee Mile	20.83
End Levee Mile	20.83
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping planted and maintained by UOP along the landward slope and toe looking upstream.	
pkazi_f_20131001_469.jpg	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown
--

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	156
Start Levee Mile	20.97
End Levee Mile	20.97
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A compressor was found on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131001_499.JPG	



Levee Mile Report Line	159
Start Levee Mile	21.20
End Levee Mile	21.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fence was found on the landside toe of the levee looking upstream.	
pkazi_f_20131001_404.JPG	



Levee Mile Report Line	161
Start Levee Mile	21.29
End Levee Mile	21.29
Location	Land Side
Category	Earthen Levee
Item	Animal Control
An animal hole was found on the landside shoulder of the levee looking downstream.	
pkazi_f_20131122_080.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	163
Start Levee Mile	21.31
End Levee Mile	21.31
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
Crown depression was found on the levee looking upstream.	
pkazi_f_20131122_079.JPG	



Levee Mile Report Line	164
Start Levee Mile	21.31
End Levee Mile	21.31
Location	Land Side
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the landside of the levee looking upstream.	
pkazi_f_20131122_078.JPG	



Levee Mile Report Line	165
Start Levee Mile	21.36
End Levee Mile	21.36
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131001_399.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	166
Start Levee Mile	21.37
End Levee Mile	21.37
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Slope instability was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_500.JPG	



Levee Mile Report Line	167
Start Levee Mile	21.44
End Levee Mile	21.44
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_510.JPG	



Levee Mile Report Line	168
Start Levee Mile	21.52
End Levee Mile	21.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside of the levee looking upstream.	
pkazi_f_20131122_077.JPG	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	169
Start Levee Mile	21.54
End Levee Mile	21.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments
An abandoned pipe was found on the waterside of the levee looking downstream.	
pkazi_f_20131001_554.jpg	



Levee Mile Report Line	170
Start Levee Mile	21.54
End Levee Mile	21.54
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131122_076.JPG	



Levee Mile Report Line	173
Start Levee Mile	21.64
End Levee Mile	21.64
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping was found on the landside of the levee looking upstream.	
pkazi_f_20131001_403.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	174
Start Levee Mile	21.71
End Levee Mile	21.71
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping was found on the landside shoulder of the levee looking upstream.	
pkazi_f_20131001_402.jpg	



Levee Mile Report Line	176
Start Levee Mile	21.78
End Levee Mile	21.78
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion due to runoff was found on the waterside of the levee looking upstream.	
pkazi_f_20131122_075.JPG	



Levee Mile Report Line	178
Start Levee Mile	21.83
End Levee Mile	21.83
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131122_074.JPG	



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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	179
Start Levee Mile	21.84
End Levee Mile	21.84
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A retaining wall was found on the waterside toe of the levee looking upstream.	
pkazi_f_20131001_430.jpg	



Levee Mile Report Line	182
Start Levee Mile	21.90
End Levee Mile	21.90
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Landscaping was found on the landside of the levee looking downstream.	
pkazi_f_20131001_400.JPG	



Levee Mile Report Line	183
Start Levee Mile	21.91
End Levee Mile	21.91
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Stairs and fence were located on the waterside slope of the levee looking downstream.	
pkazi_f_20131001_394.jpg	



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WS : Water Side
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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	184
Start Levee Mile	21.91
End Levee Mile	21.91
Location	Land Side
Category	Earthen Levee
Item	Encroachments
A fence was found on the landside shoulder of the levee looking upstream.	
pkazi_f_20131001_397.jpg	



Levee Mile Report Line	185
Start Levee Mile	21.97
End Levee Mile	21.97
Location	Water Side
Category	Earthen Levee
Item	Vegetation
View of landscaping on the waterside of the levee looking upstream.	
pkazi_f_20131001_396.jpg	



Levee Mile Report Line	186
Start Levee Mile	22.08
End Levee Mile	22.08
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the landscape on the landside of the levee looking upstream.	
pkazi_f_20131001_393.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	189
Start Levee Mile	22.15
End Levee Mile	22.15
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_431.jpg	



Levee Mile Report Line	190
Start Levee Mile	22.17
End Levee Mile	22.37
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along landward slope looking upstream.	
pkazi_f_20131001_462.jpg	



Levee Mile Report Line	191
Start Levee Mile	22.17
End Levee Mile	22.18
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence and landscaping along the landward shoulder and slope looking upstream.	
pkazi_f_20131001_466.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	192
Start Levee Mile	22.19
End Levee Mile	22.21
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward shoulder and slope looking upstream.	
pkazi_f_20131001_465.jpg	



Levee Mile Report Line	194
Start Levee Mile	22.21
End Levee Mile	22.21
Location	Water Side
Category	Earthen Levee
Item	Encroachments
An unpermitted abandoned pipe was found with electrical wires running through it on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131001_458.jpg	



Levee Mile Report Line	194
Start Levee Mile	22.21
End Levee Mile	22.21
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of the electrical wires through the pipe is found on the waterside of the levee. The picture was taken from the crown looking towards the toe of the levee.	
pkazi_f_20131001_459.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	195
Start Levee Mile	22.26
End Levee Mile	22.30
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a fence along the landward shoulder looking upstream.	
<i>pkazi_f_20131001_464.jpg</i>	



Levee Mile Report Line	196
Start Levee Mile	22.27
End Levee Mile	22.28
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscaping was found on the landside of the levee looking upstream.	
<i>pkazi_f_20131001_429.jpg</i>	



Levee Mile Report Line	197
Start Levee Mile	22.30
End Levee Mile	22.30
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside slope of the levee looking downstream.	
<i>pkazi_f_20131001_514.JPG</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	198
Start Levee Mile	22.37
End Levee Mile	22.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence and landscaping along landward slope looking upstream.	
pkazi_f_20131001_461.jpg	



Levee Mile Report Line	199
Start Levee Mile	22.41
End Levee Mile	22.41
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Erosion was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131122_073.JPG	



Levee Mile Report Line	200
Start Levee Mile	22.43
End Levee Mile	22.46
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of a post and cable fence along the landward slope looking upstream.	
pkazi_f_20131001_460.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	201
Start Levee Mile	22.52
End Levee Mile	22.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of the erosion under the I-5 bridge looking upstream.	
pkazi_f_20131001_414.jpg	



Levee Mile Report Line	201
Start Levee Mile	22.52
End Levee Mile	22.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
View of the erosion site repaired by Caltrans under the I-5 freeway going southbound. This picture was taken from the toe of the levee looking upstream.	
pkazi_f_20131001_415.jpg	



Levee Mile Report Line	201
Start Levee Mile	22.52
End Levee Mile	22.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated view of the erosion site repaired by Caltrans on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_416.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	201
Start Levee Mile	22.52
End Levee Mile	22.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated view of the erosion site over the I-5 bridge (southbound) repaired by Caltrans. This picture was taken from the crown of the levee looking upstream during spring 2013 inspection.	
pkazi_f_20131001_417.JPG	



Levee Mile Report Line	201
Start Levee Mile	22.52
End Levee Mile	22.52
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving
Updated picture of erosion was found on the waterside toe of the levee looking from the opposite side of the levee.	
pkazi_f_20131120_070.JPG	



Levee Mile Report Line	202
Start Levee Mile	22.52
End Levee Mile	22.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of post and cable fence along the landward levee slope looking upstream.	
pkazi_f_20131001_457.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

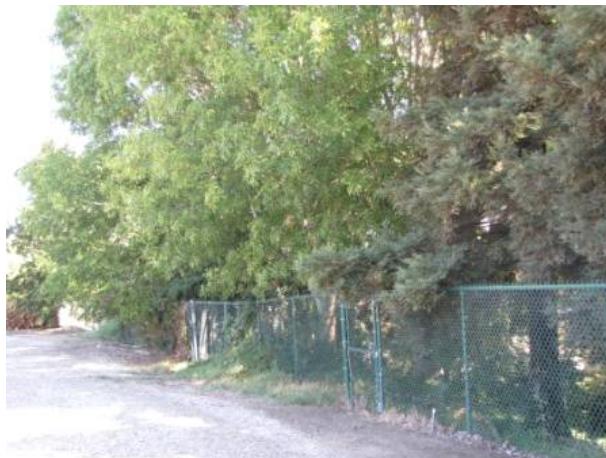
**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	203
Start Levee Mile	22.58
End Levee Mile	22.87
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Landscape was found on the landside of the levee looking upstream.	
pkazi_f_20131001_455.jpg	



Levee Mile Report Line	204
Start Levee Mile	22.58
End Levee Mile	22.87
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence and landscaping along the landward shoulder and slope looking upstream.	
pkazi_f_20131001_454.jpg	



Levee Mile Report Line	205
Start Levee Mile	22.76
End Levee Mile	22.76
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside shoulder of the levee looking downstream.	
pkazi_f_20131122_071.JPG	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	206
Start Levee Mile	22.77
End Levee Mile	22.77
Location	Water Side
Category	Earthen Levee
Item	Encroachments
A dock was found on the waterside toe of the levee looking upstream.	
pkazi_f_20131001_515.JPG	



Levee Mile Report Line	207
Start Levee Mile	22.87
End Levee Mile	22.89
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence along the landward slope.	
pkazi_f_20131001_453.jpg	



Levee Mile Report Line	210
Start Levee Mile	22.90
End Levee Mile	23.08
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence and landscaping along the landward shoulder looking upstream.	
pkazi_f_20131001_451.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	211
Start Levee Mile	22.97
End Levee Mile	22.97
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
Tree limbs were obstructing the crown looking upstream.	
pkazi_f_20131122_072.JPG	



Levee Mile Report Line	212
Start Levee Mile	23.05
End Levee Mile	23.05
Location	Water Side
Category	Earthen Levee
Item	Vegetation
Arundo was found on the waterside slope of the levee looking upstream.	
pkazi_f_20131001_413.jpg	



Levee Mile Report Line	213
Start Levee Mile	23.07
End Levee Mile	23.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Steps were dug on to the waterside slope of the levee looking upstream.	
pkazi_f_20131001_401.jpg	



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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	214
Start Levee Mile	23.08
End Levee Mile	23.22
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of fence along the landward shoulder looking upstream.	
<i>pkazi_f_20131001_449.jpg</i>	



Levee Mile Report Line	215
Start Levee Mile	23.24
End Levee Mile	23.27
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of landscaping along the landward slope looking upstream.	
<i>pkazi_f_20131001_448.jpg</i>	



Levee Mile Report Line	218
Start Levee Mile	23.70
End Levee Mile	23.70
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of vegetation along the waterward slope looking downstream.	
<i>pkazi_f_20131001_506.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 16 Mormon Slough	Left	24.00	11/19/2013 11/25/2013	Pavel Kazi

Levee Mile Report Line	220
Start Levee Mile	23.70
End Levee Mile	24.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of the fence along the landward slope looking downstream.	
pkazi_f_20131001_505.jpg	



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 17 Potter Creek			Right	0.86
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/07/2013 - 05/07/2013		11/21/2013 - 11/21/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Eric Ambriz SJFC&WCD		Eric Ambriz SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

**<http://cdec.water.ca.gov/lma.html>**

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway								Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek								Right	0.86	11/21/2013 11/21/2013	Pavel Kazi
LMR No.	Levee Mile		Category	Item	* Location	* Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End		
1	0.13	0.13	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma	37.957934 ° -121.149911 °	37.957934 ° -121.149911 °	2 Y	
										DWR ID: DWR_NA0017_17_s_2012_2	
2	0.17	0.17	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma	37.958590 ° -121.151408 °	37.958590 ° -121.151408 °	3 Y	
										DWR ID: DWR_NA0017_17_s_2012_3	
3	0.19	0.19	Earthen Levee	Slope Stability	WS	M	S3 : Repair the levee slope damaged by vehicle traffic and Ma prevent access where possible.	37.958702 ° -121.151544 °	37.958702 ° -121.151544 °	10 Y	
										DWR ID: DWR_NA0017_17_s_2012_10	
4	0.22	0.22	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma	37.958943 ° -121.152261 °	37.958943 ° -121.152261 °	4 Y	
										DWR ID: DWR_NA0017_17_s_2012_4	
5	0.25	0.25	Earthen Levee	Encroachments	WS	M	DE : Debris Ma	37.958966 ° -121.152641 °	37.958966 ° -121.152641 °	1 Y	
										DWR ID: DWR_NA0017_17_f_2013_1	
6	0.25	0.25	Earthen Levee	Encroachments	WS	M	PR : Prunings Ma	37.958966 ° -121.152641 °	37.958966 ° -121.152641 °	5 Y	
										DWR ID: DWR_NA0017_17_s_2012_5	
7	0.27	0.27	Earthen Levee	Encroachments	WS	A	PR : Prunings Ma Inspector Comments: The farmer removed the pruning pile.	37.958969 ° -121.152751 °	37.958969 ° -121.152751 °	9 Y	
										DWR ID: DWR_NA0017_17_s_2012_9	
8	0.28	0.28	Earthen Levee	Animal Control	CR	M	A3 : No rodents visible, but rodent burrows visible; need to Ma backfill and compact or grout burrows.	37.959013 ° -121.153089 °	37.959013 ° -121.153089 °	7 Y	
										DWR ID: DWR_NA0017_17_s_2012_7	

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**Flood Control Project Maintenance**  
**Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	11/21/2013 11/21/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.13
End Levee Mile	0.13
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a prunings pile along the waterward bank looking downstream.	
<i>pkazi_f_20131001_560.jpg</i>	



Levee Mile Report Line	2
Start Levee Mile	0.17
End Levee Mile	0.17
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a prunings pile along the waterward bank looking downstream.	
<i>pkazi_f_20131001_561.jpg</i>	



Levee Mile Report Line	3
Start Levee Mile	0.19
End Levee Mile	0.19
Location	Water Side
Category	Earthen Levee
Item	Slope Stability
Slope instability was found on the waterside of the levee looking upstream.	
<i>pkazi_f_20131001_566.jpg</i>	



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	11/21/2013 11/21/2013	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Water Side
Category	Earthen Levee
Item	Encroachments
View of a prunings pile along the waterward bank looking downstream.	
pkazi_f_20131001_562.jpg	



Levee Mile Report Line	5
Start Levee Mile	0.25
End Levee Mile	0.25
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Debris was found on the waterside slope of the levee looking upstream during fall 2013 inspection.	
pkazi_f_20131122_084.JPG	



Levee Mile Report Line	6
Start Levee Mile	0.25
End Levee Mile	0.25
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Prunings were found on the waterside of the levee looking upstream.	
pkazi_f_20131001_563.jpg	



* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 17 Potter Creek	Right	0.86	11/21/2013 11/21/2013	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	0.27
End Levee Mile	0.27
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Pruning pile was removed by the farmer on the waterside shoulder of the levee looking upstream.	
pkazi_f_20131001_565.JPG	



Levee Mile Report Line	8
Start Levee Mile	0.28
End Levee Mile	0.28
Location	Crown
Category	Earthen Levee
Item	Animal Control
A rodent hole was found on the crown of the levee. The picture was taken from the crown looking upstream.	
pkazi_f_20131001_564.jpg	



* Location LS : Land Side WS : Water Side CR : Crown
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** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain
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+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2013 Levee Inspection Results**

**San Joaquin County Flood Control and Water Conservation District**

Waterway			Bank	Unit Miles
Unit No. 18 Potter Creek			Left	0.89
	Spring (March - May)	Summer (June - August)	(September - November) <b>Fall</b>	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	05/07/2013 - 05/07/2013		11/21/2013 - 11/21/2013	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Eric Ambriz SJFC&WCD		Eric Ambriz SJFC&WCD	
	Jay Jauregui SJFC&WCD		Jay Jauregui SJFC&WCD	

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

**<http://cdec.water.ca.gov/lma.html>**

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek						Left	0.89	11/21/2013 11/21/2013	Pavel Kazi

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.08	0.29	Earthen Levee	Encroachments	LS En	M	FE : Fence	37.957534 °	37.958657 °	1
								-121.149739 °	-121.153146 °	Y
								DWR ID: DWR_NA0017_18_s_2012_1		
2	0.20	0.20	Earthen Levee	Vegetation	LS Ma	A	V1 : Control annual grass and weeds on the levee slopes and easements.	37.958323 °	37.958323 °	3
								-121.151540 °	-121.151540 °	Y
								DWR ID: DWR_NA0017_18_f_2013_3		
3	0.55	0.55	Earthen Levee	Erosion / Bank Caving	WS Ma	C	E2 : Schedule repair of erosion site prior to the next inspection.	37.959166 °	37.959166 °	6
								-121.157675 °	-121.157675 °	
								DWR ID: DWR_NA0017_18_s_2013_6		

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2013**

**San Joaquin County Flood Control and Water Conservation District**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 18 Potter Creek	Left	0.89	11/21/2013 11/21/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.08
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Fences along the landside toe of the levee. The picture was taken from the crown looking upstream.	pkazi_f_20131001_567.jpg



Levee Mile Report Line	2
Start Levee Mile	0.20
End Levee Mile	0.20
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the landside of the levee looking upstream.	pkazi_f_20131122_085.JPG



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